

MEDICARE HOSPITAL MORTALITY INFORMATION

1987 • 1988 • 1989

Volume 18

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Region VII

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M43
1987-1989, v.
18



U.S. Department of Health and Human Services
Health Care Financing Administration

RA981
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M43
1987-1989
v.18

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Volume 18

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KANSAS

Region VII

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LOUIS W. SULLIVAN, M.D.

Secretary

U.S. Department of Health and Human Services

GAIL R. WILENSKY, PH.D.

Administrator

Health Care Financing Administration

The Health Care Financing Administration (HCFA) was established in March 1977 to combine health financing and quality assurance programs into a single agency. HCFA is responsible for the Medicare program, Federal participation in the Medicaid program, the Peer Review Organization program, and a variety of other health care quality assurance programs.

The mission of the Health Care Financing Administration is to ensure the effective administration of our programs in order to promote the timely delivery of appropriate, quality health care to over 59 million of the nation's aged, disabled and poor. The agency must also ensure that beneficiaries are aware of the services for which they are eligible, that those services are accessible and of high quality, and that agency policies and actions promote efficiency and quality within the total health care delivery system.

FOREWORD

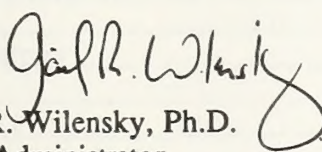
The nation's Medicare program, which is administered through the Health Care Financing Administration (HCFA) in the Department of Health and Human Services, has more than 33 million beneficiaries. One of HCFA's primary responsibilities is to ensure that Medicare beneficiaries receive quality health care. This fourth annual release of Medicare hospital mortality information is a key element in our efforts to improve the effectiveness of medical practice and the quality of care provided to Medicare beneficiaries.

This publication presents information to answer the question "What is the actual mortality rate within a certain period of time for each hospital compared to what rate would have been predicted, given what we know about the characteristics of the patients admitted?" We expect this information to be used by hospital administrators, physicians, peer review organizations, Medicare beneficiaries, State survey and certification agencies and researchers. The information in this release is not intended as a direct measure of quality of care. It is best used as a "screening tool"--that is, to identify potential problems for further review and, in consultation with medical staff, to evaluate a hospital's strengths and weaknesses. Thus, we believe that consumers can use this information to ask questions of their physicians, rather than reach judgments about the quality of care in a particular hospital.

The basic approach to analyzing hospital mortality information has remained unchanged for the past four years; however, since the last publication of mortality information in December 1989, we have made some significant changes both in our methodology and in the way we display the results of our analysis. This publication presents information for 30, 90, and 180 days post admission, as opposed to the single point of 30 days post admission used in all the previous publications. Also, we present values for an observed mortality rate, a predicted mortality rate and a standard deviation.

These refinements should make this information an even more valuable educational tool to help improve the quality of care in hospitals. The changes were reviewed and approved by a panel of outside experts. The methodology used in arriving at the observed mortality rate, the predicted mortality rate and the standard deviation are briefly described in the Technical Appendix at the end of this volume and in more detail in a Technical Information Supplement.

We acknowledge the assistance we have received from the American Hospital Association--not only for providing the information detailing selected hospital characteristics but also for alerting its members to the importance of this information. We are also grateful to the personnel in each hospital who took the time to thoroughly review the data and to provide us with comments and suggestions. As before, we have published the comments we received from individual hospitals, associating them with the summary data for the appropriate institution. Over the years, these communications have proved very helpful in improving and refining the information included in this publication.


Gail R. Wilensky, Ph.D.
Administrator

RECEIVED

The undersigned hereby certifies that the within and foregoing is a true and correct copy of the original as the same appears in the records of the Board of Health of the City of New York, and that the same has been compared with the original and found to be a true and correct copy thereof.

Witness my hand and the seal of the Board of Health of the City of New York, this 1st day of January, 1901.

JOHN J. HANCOCK, President of the Board of Health of the City of New York.

I hereby certify that the within and foregoing is a true and correct copy of the original as the same appears in the records of the Board of Health of the City of New York, and that the same has been compared with the original and found to be a true and correct copy thereof.

Witness my hand and the seal of the Board of Health of the City of New York, this 1st day of January, 1901.

JOHN J. HANCOCK, President of the Board of Health of the City of New York.

Very truly yours,
JOHN J. HANCOCK,
President of the Board of Health of the City of New York.

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INTRODUCTION

The mortality rates at a given hospital may reflect, among other factors, the age, sex, diagnoses, and severity of illness of patients admitted to that hospital, as well as the quality of care they received. Factors affecting health and the probability of death vary among the patient populations served by individual hospitals. Consequently, the mortality rates in different patient populations vary considerably.

Before reading the tables containing the hospital-specific information and the comments provided by individual hospitals, the reader will find it useful to understand the format and presentation of the information. This year's publication presents information for Federal fiscal years (FYs) 1987, 1988 and 1989. (A Federal fiscal year is October 1 through September 30; e.g., FY 1989 covers the period October 1, 1988 through September 30, 1989.) The information for 1987 and 1988 will be different from that published previously both because it is based on a fiscal, not calendar, year, and because the methodology for this year's analysis uses a random hospital stay rather than the last stay in the year as did previous analyses.

Description of Mortality Information

These latest analyses of the mortality rates associated with Medicare hospitalizations are similar to those carried out in the three prior years. Only one hospitalization for every patient was used. However, in this year's analysis, when a patient had multiple hospitalizations during the fiscal year, one stay to be analyzed was selected at random. We believe that the use of the randomly selected admission provides a better representation of a typical hospital admission and permits us to calculate mortality rates more nearly like those the hospital itself would calculate for its patients. The event evaluated was death at any time within 180 days of admission to the hospital. With this approach, information about the early and later results of the hospitalization are provided. This is important because diseases evolve with different time courses, and treatments may have different short- and long-term impacts. The choice of 180 days allows substantial followup consistent with timely reporting of HCFA data. Additionally, the decision to report the longer followup data necessitated the change from calendar to fiscal year analysis, since it provides at least 182 days followup while allowing us to report on quite recent hospitalizations. Another benefit of using a fiscal rather than a calendar year for analysis is that our files are maintained on a fiscal year basis and new Medicare rules are often instituted on a fiscal year basis.

For each hospital, information is presented for overall Medicare patient mortality and for each of 17 specific diagnostic or medical procedure categories. The information consists of the number of Medicare patients; the observed or actual mortality rate (OBS); the predicted mortality rate (PRED), given the mix of patients; and a standard deviation (SD), a measure of the uncertainty of the predicted rate. A rule of thumb for using the SD to assess a hospital's performance appears later in this Introduction, and a more precise formula for the use of the SD is included in the Technical Appendix.

As we did in previous years' publications, we are including selected information about each hospital, such as the number of beds and other characteristics, which we obtained from data contained in the American Hospital Association's (AHA) 1989 Annual Survey of Hospitals files or, when such information was not available from the AHA file, the Health Care Financing Administration's (HCFA) Online Survey Certification and Reporting System (OSCAR) file. These hospital characteristics are found at the bottom of each hospital's first summary data page. A more detailed description of the hospital characteristics appears later in this Introduction. It is important to note that these characteristics are provided for information only. They were not part of the analyses, and any errors or discrepancies in them do not affect the predicted mortality rates. In the publication, we have arranged the States by HCFA regions. A hospital's summary data pages and any comments received are arranged alphabetically by hospital name in each State section. A complete listing of States by region and volume can be found in Table 1.

Before reviewing a hospital summary table, it would be helpful to describe how the numbers were derived and what they mean.

Number of Cases. This figure is the number of individual Medicare beneficiaries whose discharge in a fiscal year from the short-term, acute care hospital listed was selected for analysis. The total number of cases selected for each hospital is presented under the category "All Causes." The eight condition and nine procedure categories are subgroupings drawn from the "All Causes" selection. Although a particular patient may appear in only one of the eight condition categories, that same patient may also appear in one or more of the nine categories defined by a surgical procedure. Similarly, a patient may appear in one or more of the nine surgical procedure categories, even though he or she was not included in any of the eight condition categories. The categories chosen for display represent HCFA's interpretation of the categories judged to be important by various outside advisors including the Institute of Medicine. The listed condition and procedure categories cover less than half of all the hospitalized patients. (ICD-9-CM codes included in each condition and procedure category appear in Table 2.). These conditions and procedures represent the causes for the hospital admission and/or surgical episodes during that stay; **they do not necessarily represent the cause of death.** HCFA does not have access to cause of death information.

Observed Mortality Rate (OBS). This number is the percentage of each acute care hospital's selected Medicare patients who died within 30, 90 or 180 days of the selected admission to the hospital. The percentage is rounded to the nearest one-tenth of a percent. Both in-hospital deaths and deaths occurring after discharge but within 30, 90 or 180 days of admission are included. For example, if a hospital had 1,000 patients included in the "All Causes" category and 124 of these patients died within 30 days of the selected admission, the 30-day observed mortality rate would be 12.4 percent; if an additional 17 patients died more than 30 but less than 91 days after admission, the 90-day observed mortality rate would be 14.1 percent; and if an additional 13 patients died more than 90 but less than 181 days after admission, the 180-day observed mortality rate would be 15.4 percent. It is important to note that the observed mortality rate is cumulative; e.g., the 90-day observed mortality rate includes all deaths which occur within 30 days of admission, as well as those occurring more than 30 and less than 91 days after admission. The observed mortality rate represents the percentage of beneficiaries in

a particular category who died during the selected time interval. As noted above, it does **not** represent the percentage whose death was caused by the particular condition or procedure.

Predicted Mortality Rate (PRED). This column gives a predicted mortality rate for patients included in the analysis for each hospital. The rate is derived in part by determining, based on national experience, the contribution to the probability of dying associated with various patient characteristics: principal diagnosis (grouped into 17 analytical risk categories), age, sex, previous hospital admissions within the prior six months, admission source (e.g., physician reference, skilled nursing facility reference), admission type (e.g., elective or emergency), and the presence of up to four comorbid conditions--cancer, chronic cardiovascular disease, chronic renal disease, and chronic liver disease. For additional details on the development of the rates, see the Technical Appendix at the end of this volume. For a list of the ICD-9-CM codes defining the comorbid conditions see Table 3. Two additional adjustments for patient risks were carried out. First, account was taken of the effect of the specific reason for admission--the principal diagnosis within each analytic category--on the probability of patient death. Second, the additional information carried by the grouping of patients into clinically informative categories was also used. This last adjustment proved particularly important in the case of the surgical categories, because the performance of a surgical procedure has substantial implications about the severity of illness.

Standard Deviation (SD). The standard deviation is a guide to how meaningful the difference between the observed and predicted mortality rate is. In general, the greater the difference between the two rates, the greater the probability that the difference represents an actual variation from what would be expected in view of the national experience.

As a rule of thumb, if the difference is 1.2 times the SD, chances are 3 out of 4 that the difference is due to statistical variability observed nationally. If the difference is greater than 1.6 times the SD, there is only 1 chance in 10 that the difference is due to statistical variability; if the difference is more than 2.0 times the SD, there is only 1 chance in 20 that the difference is due to statistical variability; and if the difference is more than 2.6 times the SD, there is only 1 chance in 100 that the difference can be attributed to statistical variability rather than actual variation from what would be expected. The less chance that the difference between the PRED and the OBS can be attributed to statistical variability, the more grounds for concern may exist about the institution's performance. Further information on how to use the SD to construct prediction intervals for use in assessing the real difference between the OBS and the PRED are included in the Technical Appendix at the end of this volume. The precision and interpretability of the estimates are weaker when there are no deaths or 50 or fewer cases in a particular category being analyzed. Thus, for these instances, an asterisk (*) is placed in the SD column.

Information Sources and Notes

This publication is based primarily on Medicare hospital billing information for fiscal years 1987, 1988 and 1989. While the principal source of the data for the analysis was the HCFA-maintained Medicare Provider Analysis and Review (MEDPAR) file which contains information about each Medicare hospitalization, some of the information about beneficiaries, such as date of death, was obtained from the Social Security Administration. Hospitals submit bills to HCFA's fiscal intermediaries (which handle claims for the care provided to Medicare beneficiaries) which, in turn, submit this information to HCFA. The file is updated on a quarterly basis. Our analysis was based on information available following the June 1990 update of the MEDPAR file. It is estimated that by that time (nine months after the close of the fiscal year) 98 percent of all Medicare discharges in FY 1989 are included in the file.

In any large-scale data base, such as the one dealing with Medicare hospitalizations, there will be gaps or inaccuracies. The fact that the files contain information on about 10 million hospital admissions to nearly 6,000 hospitals for each year provides some assurance that, for purposes of the statistical analysis conducted here, the information which might be missing or inaccurate is such a small portion of the total that it would have almost no impact on the results for national estimates. It may, however, substantially affect an individual hospital if it was the source of the suspect information.

Nevertheless, while we feel that the information used in this analysis is quite thorough and complete, there are a few points which should be kept in mind as the hospital-specific information is reviewed.

The information used is billing data and is only as good as the information submitted by hospitals as part of the payment process. Although there is always a possibility that coding errors are included, we assume that, given the link to payment, hospitals have an incentive to submit bills accurately and promptly. We do know, however, that some hospitals submitted incomplete or erroneous data.

The hospitals included in this analysis are participating in Medicare as short-term, acute care facilities; all have a zero in the third position of their Medicare provider number. All other hospitals--those with something other than a zero in the third position of their provider number, such as rehabilitation facilities or psychiatric institutions--were automatically excluded from the analysis. This year, as last, we also excluded hospices from the publication.

In some cases, we have included data for hospitals which closed, changed ownership, or changed management either during or subsequent to FY 1989. Nevertheless, data which are included for those institutions reflect the situation as it existed at the time the hospitalizations analyzed occurred.

There is some information in the MEDPAR file which does not reflect immediately the results of review by the Peer Review Organizations (PROs). For example, one of the functions a PRO performs is to ensure that the diagnosis assigned to a particular case is accurate. The nature of the review and payment system is such that, in some instances, PRO changes in diagnosis assignment may not be

submitted and associated in the MEDPAR file on as timely a basis as other billing information. Obviously, this type of change could have an effect on the calculation of mortality rates in individual categories and may also have a bearing on comorbidities.

The usefulness of this information depends upon the accuracy with which mortality rates can be predicted. It is important to understand that the difference between the hospitals' mortality rates and the predicted rates in the tables in this publication may not be a direct measure of the quality of care rendered in the hospitals. One reason for this is that we do not now have any direct measurement tool with which we can adjust fully for differences among hospitals in how severely ill their patients are. For instance, two hospitals may have very different death rates for patients admitted for stroke, even after we have adjusted for age, sex and several other factors. This might happen because one hospital's stroke patients consist of a significant number who are admitted in a coma (and are thus more likely to die), whereas another hospital's patient population represents a broader spectrum of patients with cerebrovascular problems, or because these hospitals in fact do provide different levels of quality of care. In addition, other factors affecting the probability of death in a particular case (e.g., family status/support, overall health status of the patient, etc.) are not included in the predictive model because information on them is not readily available.

Nevertheless, we believe that this information is an important contribution to the health care community and should be helpful to a wide range of individuals and organizations including hospital administrators, physicians, and researchers. Among these audiences, we expect that the hospital administrator (in consultation with medical staff) will find the information most useful as a screening tool to evaluate a hospital's strengths and weaknesses. For example, we know that some hospitals and their medical staffs, using established and newly emerging quality assessment techniques, are trying to determine what useful information can be derived about their hospitals and how they function. In this way, the information should lead to analysis and subsequent actions which will capitalize on areas of strong performance and strengthen areas where improvement is needed.

We believe that when this information is properly understood and applied, it can be very useful; it can also be misleading if it is interpreted incorrectly. The information simply describes one of several possible outcomes at a hospital--post-admission mortality for Medicare beneficiaries. The information is not necessarily representative of a hospital's total performance in all aspects of patient care and is best used to view experience in individual hospitals rather than for making comparisons among hospitals. Individual hospitals may have very good reasons for their rates being higher than the rates predicted by the HCFA model. For example, one hospital might have different death rates than another because of its patient mix. Accordingly, it was important for hospitals to have an opportunity to review their specific information and to provide comments to HCFA and the public. We offered each hospital the opportunity to comment on the information contained in this volume, and we included in this publication those comments which were received by January 15, 1991. Consumers should read the explanations of the uses and limitations of the information, as well as any comments a hospital may have provided.

The development and presentation of this information continues to be an important part of HCFA's responsibilities in the health care community. Consequently, in making the information as accurate and useful as possible, over the past several years we have discussed the theoretical framework and statistical approach with a number of nationally recognized technical experts in appropriate fields. More specifically, in June 1990 we presented the major changes--use of fiscal year data, use of random rather than last admission for analysis, use of the standard deviation rather than ranges, presentation of mortality rates at three time intervals--to these experts. Based on their recommendations, we believe that the models used in these analyses continue to be reasonable and appropriate.

In the past, we have conducted validation studies of our methodology. In general, these studies have found correlation between poor quality care and hospitals whose observed mortality rate significantly exceeds the rate that would have been predicted. However, we have also found that detailed clinical data which more thoroughly characterize the severity of patient's illness, while they do not materially affect results describing the general pattern of mortality, do, in specific instances, alter our assessment of the comparison of the observed to the predicted mortality rates.

The format for presentation, the process for sharing the information with individual hospitals, and the statistical methodology have been discussed at various meetings with leaders of organizations representing Medicare beneficiaries, physicians and hospitals. Also, we have spent many months reviewing the comments received from the hospitals regarding their patient-specific data for earlier years and our previous mortality information publications. Many suggestions from these sources have been incorporated into this publication.

We have carefully investigated comments from individual hospitals on apparent discrepancies or errors generated in previous years. These discrepancies very rarely impacted on a hospital's overall mortality rate. Most of these instances fell into the following three broad categories.

Inaccurate Date of Death. We found that inpatient billing coding errors (e.g., a hospital bill indicating that the patient's status at time of discharge was "expired" when the patient had, in fact, left the hospital alive) created many of these errors. We have mechanisms in place that allow a continuous update of HCFA's master file, thereby enabling us to make corrections.

Data Posting Delays. In some instances, delays in posting data to the MEDPAR file created difficulties in prior years' analyses. However, because of the use of a fiscal, rather than calendar, year and of a random, rather than last, admission for analysis, this problem has largely been eliminated.

Discrepant Case Counts. Our analysis counts only one acute care discharge in a fiscal year; normally, hospitals count each discharge. Thus, a patient admitted three times in a year would count three times for the hospital, but only once for the purpose of analyzing Medicare hospital mortality data presented in this publication.

On December 6, 1990, we mailed mortality information to each hospital on its Medicare patients and asked for comments by January 15, 1991. Each hospital received the summary data information (as published here), as well as a list of all Medicare patients whose stay in that hospital in FY 1989 was selected for the analysis. The comments we received are generally reproduced as submitted by the hospital. However, in instances where hospitals returned an annotated copy of the HCFA information sent on December 6, we did not publish that annotated material, even in cases where these were the only comments submitted by the hospital. We took this action because of patient privacy concerns and/or because it would have duplicated information already provided on the hospital's summary data sheet. However, we have published a standard statement to identify instances where we received this type of response. Additionally, in cases where the hospital's response exceeded the two-page limit, which was specified in our communication of December 6, we have published only the first two pages of the material received. No attempt has been made to edit or condense the response provided by the hospital.

In any project of this size, there will be instances where hospitals did not receive the information for comment or did not receive it timely. In fact, many hospitals were sent second copies of their specific information in an expeditious manner in order to allow every opportunity for review and comment. Even though it is possible that some of the nonresponding facilities never got the information or did not have adequate time to comment, we expect that these instances are few in number.

As noted previously, we have again included information on selected hospital characteristics such as the number of beds, occupancy rate, ownership, staffing, and specialty services. These particular characteristics and services were selected as those of most interest to Medicare beneficiaries. (Thus, for example, we do not include information on specialty services such as Neonatal Intensive Care Units.) This information was obtained from the AHA 1989 Annual Survey of Hospitals. Where hospitals did not provide information to AHA on a particular item, it has been listed as not available. This file consists of information voluntarily reported by hospitals to the AHA. In instances where the AHA records contained no information about a hospital included in the analysis, we have presented the most recent information from HCFA's OSCAR file.

Following are the AHA's definitions of each characteristic found on the hospital's summary page containing the FY 1989 summary data information.

SURVEY AND YEAR: AHA 1989 Source = American Hospital Association 1989 Annual Survey of Hospital Files

Total beds (#): Number of beds (including sub-acute beds), cribs, and pediatric and neonatal bassinets regularly maintained (set up, staffed, and ready for use) for inpatients as of the close of the reporting period; does not include bassinets for normal newborn infants.

Occupancy rate (percent): Ratio of average daily census to the average number of beds (statistical beds) maintained during the 12-month reporting period. (NOTE: The number of these "statistical beds" may differ from the bed count at the close of the reporting period.)

Ownership/control: State government, local government, district/authority, church, private nonprofit, private for profit, or Federal Government.

STAFFING (as of 09/30/88):

Total number of physicians: Total active and associate medical staff.

Percent of physicians who are board-certified specialists: Physicians who have passed an examination given by a medical specialty board and have been certified by that board as a specialist.

Medical residents/interns: Full-time equivalent (FTE) medical residents or interns.

Registered nurses: Full-time equivalent (FTE) registered nurses.

Licensed practical nurses: Full-time equivalent (FTE) licensed practical nurses.

AHA DEFINED SPECIALTY SERVICES:

Burn unit: Provides more intensive care to severely burned patients than the usual acute nursing care provided in medical and surgical units. Beds must be set up and staffed in a unit specifically designated for this service.

Cardiac intensive care: Provides patient care of a more specialized nature than the usual medical and surgical care, on the basis of physicians' orders and approved nursing care plans. The unit is staffed with specially trained nursing personnel and contains monitoring and specialized support or treatment equipment for patients who, because of heart seizure, open-heart surgery or other life-threatening conditions, require intensified, comprehensive observation and care. May include myocardial infarction, pulmonary care, and heart transplant units. Beds must be set up and staffed in a unit(s) specifically designated for this service.

Comprehensive Geriatric Assessment: Provides diagnostic and evaluation services that determine elderly patients' long-term care needs. Includes the assessment of medical conditions, functional activities and mental and emotional conditions, and incorporates these into a treatment plan which includes family and financial concerns as well as medical needs.

Hospice care: A program providing palliative care, chiefly medical relief of pain and supportive services, to terminally ill patients and assistance to their families in adjusting to the patients' illness and death.

Medical/surgical intensive care: Provides nursing care to adult and/or pediatric patients of a more intensive nature than the usual medical, surgical, pediatric, and/or psychiatric care on the basis of physicians' orders and approved nursing care plans. Included are medical-surgical, pediatric, and psychiatric (isolation) units. These units are staffed with specially trained nursing personnel and contain monitoring and specialized support equipment for patients who, because of shock, trauma, or life-threatening conditions, require intensified, comprehensive observation and care. These units may also include cardiac care when such services are not provided in a distinct cardiac care unit.

Organ transplant service equipment: The necessary staff and equipment to perform the surgical removal of a viable human organ (including kidney) from a donor, either alive or just deceased, and the surgical grafting of the organ to a suitably evaluated and prepared patient.

Other intensive care: Provides nursing care to adult and/or pediatric patients with a specialized disease or condition of a more intensive nature than the usual medical, surgical, pediatric and/or psychiatric care on the basis of physicians' orders and approved nursing plans. Examples reported include oncology or spinal cord injuries. These units are staffed with specially trained nursing personnel and contain monitoring and specialized support equipment appropriate for the patients' specialized conditions.

Rehabilitation unit: Unit having designated beds and providing a comprehensive array of multidisciplinary medical rehabilitation services.

Trauma center: Provides emergency and specialized intensive care to critically injured patients.

NOTE: Inquiries regarding the AHA data or requests for additional AHA data must be directed to the Director of the American Hospital Association's Hospital Data Center at (312) 280-6000.

Following are HCFA's Online Survey Certification and Reporting System (OSCAR) definitions of some characteristics found on the hospital's summary page containing the 1986, 1987, and 1988 mortality rates and ranges.

SURVEY AND YEAR: OSCAR 19__

Total beds (#): Total number of operational beds eligible for Medicare payment.

Ownership/control: Church; private; Federal, State, local government, or hospital district or authority; proprietary.

STAFFING:

Medical residents/interns: Full-time equivalent (FTE) medical residents or interns.

Registered nurses: Full-time equivalent (FTE) registered nurses.

Licensed practical nurses: Full-time equivalent (FTE) licensed practical nurses.

OSCAR DEFINED SPECIALTY SERVICES:

There are no specific definitions of specialty services in OSCAR. These characteristics are self-reported by each hospital at initial certification and recertification. However, they are generally understood to parallel the explicit AHA definitions.

Table 1
STATES BY REGION AND VOLUME

REGION		VOLUME	STATE
I	Boston	1	Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont
		2	New Jersey, Puerto Rico, Virgin Islands
II	New York	3	New York
		4	Delaware, District of Columbia, Maryland, Virginia, West Virginia
III	Philadelphia	5	Pennsylvania
		6	Alabama, Georgia
IV	Atlanta	7	Florida
		8	Kentucky, Mississippi, South Carolina
V	Chicago	9	North Carolina, Tennessee
		10	Illinois
		11	Indiana, Michigan
		12	Minnesota, Wisconsin
		13	Ohio

VI	Dallas	14	Arkansas, Oklahoma
		15	Louisiana, New Mexico
		16	Texas (A - L)
		17	Texas (M - Z)
VII	Kansas City	18	Iowa, Kansas
		19	Missouri, Nebraska
VIII	Denver	20	Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming
IX	San Francisco	21	American Samoa/Guam, Arizona, Hawaii, Nevada
		22	California (A - L)
		23	California (M - Z)
X	Seattle	24	Alaska, Idaho, Oregon, Washington

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Table 2

DIAGNOSTIC AND PROCEDURE CATEGORIES

The following lists the ICD-9-CM diagnostic and procedure codes used to classify and group patients for presentation:

CONDITION/PROCEDURE	ICD-9-CM CODES (D) = DIAGNOSTIC CODE (P) = PROCEDURE CODE
Heart Disorders/Procedures:	
Acute Myocardial Infarction	410 (D) (exclude 410 with 5th digit of 2 after 10/1/89)
Congestive Heart Failure	398.91, 402.01, 402.11, 402.91, 428.0, 428.1, 428.9 (all D)
Angioplasty	36.0 excluding 36.00, 36.03, 36.04, 36.09 (all P)
Coronary Artery Bypass Graft	36.1 (P)
Pacemaker Insertion, Initial	37.73, 37.74, 37.75, 37.77 (after 10/1/87 use 37.70—37.73) (all P)
Pulmonary Disorders:	
Pneumonia/Influenza	480-481, 482.2, 482.3, 482.9, 483, 485, 486, 487.0 (all D)
Chronic Obstructive Pulmonary Disease	491-492; 494; 496; and 466.0, 518.5, 518.82, and 786.09 when there is a secondary diagnosis of any 496 (all D)
Cerebrovascular Disorders/Procedures:	
Transient Cerebral Ischemia	433.1, 433.3, 435 (D) and exclude those patients with an endarterectomy, 38.12 (P) at the time of admission
Stroke	431, 434-434.9, 436 (all D)
Carotid Endarterectomy	38.12 (P) with 433.1 (D), 433.3 (D), or 435 (D) as principal diagnosis

Musculoskeletal Disorders/Procedures:

Fracture of Neck of Femur	820 (D)
Hip Replacement/Revision	81.5, 81.6 (exclude 81.69) (81.51—81.53 after 10/1/89) (all P)
Open Reduction of Fractured Femur	79.35 (P) on condition of 820 (D) as principal diagnosis

Genitourinary Procedures:

Prostatectomy	60.2, 60.3-60.69 (all P)
Hysterectomy	68.3-68.7 (P)

Gastrointestinal Procedures:

Cholecystectomy	51.22 (P)
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Sepsis:

Sepsis	003.1, 020.2, 022.3, 036.2, 036.3, 036.89, 036.9, 038, 054.5 (all D)
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Table 3
COMORBIDITY CONDITIONS
(all are D codes)

COMORBIDITY	ICD-9-CM CODES
Cancer	141-160.9, 162-172.9, 174-208.9
Chronic liver disease	571-572.8
Chronic renal disease	582-583.9, 585-587
Chronic cardiovascular disease	412-414.9, 426-429.1



Iowa

ADAIR COUNTY MEMORIAL HOSPITAL

609 SE Kent
Greenfield, IA 50849

Medicare Provider Number: 160070

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	133	11.3	11.0	3.3	15.0	17.0	3.8	20.3	21.4	5.4
CONDITIONS:										
Acute Myocardial Infarction.....	5	60.0	29.3	*	60.0	32.4	*	60.0	35.7	*
Congestive Heart Failure.....	2	50.0	8.8	*	50.0	14.0	*	50.0	18.9	*
Pneumonia/Influenza.....	12	16.7	14.8	*	16.7	20.1	*	16.7	24.5	*
Chronic Obstructive Pulmonary Disease.....	0									
Transient Cerebral Ischemia.....	0									
Stroke.....	5	20.0	14.7	*	20.0	19.2	*	20.0	23.1	*
Hip Fracture.....	6	0.0	8.7	*	0.0	15.3	*	0.0	19.3	*
Sepsis.....	3	0.0	38.8	*	0.0	50.2	*	0.0	55.8	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	4	0.0	7.4	*	0.0	14.0	*	0.0	18.3	*
Open Reduction of Hip Fracture.....	2	0.0	9.2	*	0.0	15.8	*	0.0	19.4	*
Prostatectomy.....	0									
Cholecystectomy.....	6	0.0	3.1	*	16.7	5.8	*	16.7	7.4	*
Hysterectomy.....	4	0.0	0.8	*	0.0	1.5	*	0.0	2.1	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 31
Occupancy Rate..... 23
Ownership/Control..... Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 37
Percent of Physicians Board Certified Specialists..... (Not Available)
Medical Residents/Interns..... 0
Registered Nurses..... 14
Licensed Practical Nurses..... 4

SPECIALTY SERVICES:

Burn Unit..... No
Cardiac Intensive Care..... No
Comprehensive Geriatric..... No
Hospice Care..... No
Medical/Surgical Intensive Care..... No
Organ/Tissue Transplant..... No
Other Intensive Care..... No
Rehabilitation Unit..... No
Trauma Center..... No

** Not used in calculating hospital mortality rates.

ADAIR COUNTY MEMORIAL HOSPITAL

Medicare Provider Number: 160070

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	148	12.8	8.2	3.7	17.6	12.4	3.8	19.6	15.7	3.8
CONDITIONS:										
Acute Myocardial Infarction.....	2	50.0	18.5	*	50.0	21.7	*	50.0	25.0	*
Congestive Heart Failure.....	5	60.0	14.3	*	60.0	21.7	*	80.0	28.0	*
Pneumonia/Influenza.....	15	20.0	20.2	*	33.3	27.9	*	33.3	33.7	*
Chronic Obstructive Pulmonary Disease.....	1	0.0	3.7	*	100.0	6.9	*	100.0	9.8	*
Transient Cerebral Ischemia.....	0									
Stroke.....	4	50.0	21.2	*	50.0	27.2	*	50.0	32.0	*
Hip Fracture.....	2	0.0	13.2	*	50.0	21.8	*	50.0	27.1	*
Sepsis.....	2	0.0	25.6	*	0.0	30.4	*	0.0	35.9	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	1	0.0	2.9	*	0.0	5.8	*	0.0	7.9	*
Prostatectomy.....	2	0.0	0.9	*	0.0	2.1	*	0.0	3.4	*
Cholecystectomy.....	7	0.0	1.3	*	0.0	2.4	*	0.0	3.3	*
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	131	18.3	10.4	4.5	20.6	16.0	4.1	26.7	20.5	4.7
CONDITIONS:										
Acute Myocardial Infarction.....	5	40.0	27.8	*	40.0	32.1	*	60.0	35.3	*
Congestive Heart Failure.....	9	55.6	20.5	*	66.7	31.8	*	66.7	40.1	*
Pneumonia/Influenza.....	16	18.8	18.2	*	18.8	24.9	*	31.3	30.2	*
Chronic Obstructive Pulmonary Disease.....	2	50.0	21.3	*	100.0	38.7	*	100.0	50.7	*
Transient Cerebral Ischemia.....	2	0.0	1.3	*	0.0	2.8	*	0.0	4.4	*
Stroke.....	7	57.1	23.5	*	57.1	30.3	*	71.4	35.5	*
Hip Fracture.....	4	0.0	8.9	*	0.0	16.4	*	0.0	21.3	*
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	3	0.0	6.3	*	0.0	11.8	*	0.0	15.3	*
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	1	0.0	0.1	*	0.0	0.2	*	0.0	0.3	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

ALLEN MEMORIAL HOSPITAL

1825 Logan Ave
Waterloo, IA 50703

Medicare Provider Number: 160110

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,340	7.0	8.1	0.8	10.9	12.0	0.9	13.9	15.3	1.1
CONDITIONS:										
Acute Myocardial Infarction.....	133	29.3	26.8	5.8	30.8	30.2	5.4	33.8	33.7	4.5
Congestive Heart Failure.....	131	17.6	15.9	3.5	26.7	24.5	4.7	30.5	31.6	4.1
Pneumonia/Influenza.....	78	14.1	16.1	4.5	19.2	21.8	5.5	24.4	26.5	6.0
Chronic Obstructive Pulmonary Disease.....	31	9.7	8.0	*	16.1	13.6	*	19.4	18.6	*
Transient Cerebral Ischemia.....	52	1.9	1.8	2.6	7.7	4.0	4.3	7.7	6.4	4.2
Stroke.....	76	14.5	20.4	7.8	23.7	26.7	7.1	26.3	31.4	7.2
Hip Fracture.....	58	6.9	5.8	4.2	12.1	10.5	4.6	12.1	13.7	5.6
Sepsis.....	15	0.0	22.4	*	13.3	29.1	*	13.3	34.5	*
PROCEDURES:										
Angioplasty.....	20	5.0	5.3	*	5.0	6.2	*	5.0	7.4	*
Coronary Artery Bypass Graft.....	57	3.5	5.5	4.2	7.0	7.6	5.6	7.0	9.0	4.8
Initial Pacemaker Insertion.....	19	0.0	2.7	*	5.3	5.8	*	10.5	8.8	*
Carotid Endarterectomy.....	7	0.0	1.1	*	14.3	1.9	*	14.3	2.9	*
Hip Replacement/Reconstruction.....	73	1.4	2.1	2.2	1.4	3.6	3.1	1.4	4.9	3.8
Open Reduction of Hip Fracture.....	21	0.0	4.9	*	0.0	9.2	*	0.0	12.2	*
Prostatectomy.....	121	0.8	1.2	1.3	1.7	2.9	2.5	5.8	4.6	2.3
Cholecystectomy.....	65	3.1	2.7	2.6	7.7	5.2	4.5	10.8	7.0	5.8
Hysterectomy.....	13	0.0	1.0	*	0.0	1.9	*	0.0	2.5	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 210
Occupancy Rate..... 75
Ownership/Control..... Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 84
Percent of Physicians Board Certified Specialists..... 73
Medical Residents/Interns..... 0
Registered Nurses..... 256
Licensed Practical Nurses..... 39

SPECIALTY SERVICES:

Burn Unit..... No
Cardiac Intensive Care..... No
Comprehensive Geriatric..... No
Hospice Care..... No
Medical/Surgical Intensive Care..... Yes
Organ/Tissue Transplant..... No
Other Intensive Care..... No
Rehabilitation Unit..... No
Trauma Center..... Yes

** Not used in calculating hospital mortality rates.

ALLEN MEMORIAL HOSPITAL

Medicare Provider Number: 160110

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,201	7.5	8.2	0.9	11.2	12.3	1.1	14.4	15.6	1.2
CONDITIONS:										
Acute Myocardial Infarction.....	99	24.2	27.1	6.3	26.3	30.3	5.9	32.3	33.8	5.3
Congestive Heart Failure.....	104	18.3	15.7	4.3	26.0	23.8	5.3	35.6	30.5	7.3
Pneumonia/Influenza.....	56	10.7	16.8	10.0	16.1	22.6	9.8	23.2	27.3	9.0
Chronic Obstructive Pulmonary Disease.....	42	7.1	7.1	*	14.3	12.6	*	21.4	17.4	*
Transient Cerebral Ischemia.....	33	3.0	1.8	*	3.0	4.0	*	9.1	6.2	*
Stroke.....	82	18.3	21.0	5.6	25.6	27.2	5.1	28.0	31.9	6.3
Hip Fracture.....	57	3.5	5.9	3.7	7.0	11.0	5.9	7.0	14.4	7.4
Sepsis.....	11	27.3	27.5	*	45.5	33.1	*	45.5	39.0	*
PROCEDURES:										
Angioplasty.....	12	0.0	4.1	*	0.0	5.0	*	0.0	6.1	*
Coronary Artery Bypass Graft.....	56	0.0	5.8	6.4	0.0	7.8	8.2	1.8	9.2	7.7
Initial Pacemaker Insertion.....	23	0.0	3.8	*	8.7	7.5	*	8.7	11.0	*
Carotid Endarterectomy.....	13	0.0	1.4	*	0.0	2.7	*	7.7	4.0	*
Hip Replacement/Reconstruction.....	74	1.4	2.2	1.9	1.4	4.3	3.4	2.7	5.8	4.3
Open Reduction of Hip Fracture.....	22	4.5	5.3	*	4.5	10.0	*	4.5	13.2	*
Prostatectomy.....	102	2.0	1.2	1.9	2.9	2.9	2.8	2.9	4.8	3.5
Cholecystectomy.....	44	0.0	3.3	*	0.0	5.6	*	2.3	7.0	*
Hysterectomy.....	7	0.0	0.6	*	0.0	1.1	*	0.0	1.4	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,248	7.6	7.9	0.6	10.9	11.8	0.9	13.9	15.1	1.1
CONDITIONS:										
Acute Myocardial Infarction.....	94	30.9	27.8	5.0	40.4	31.2	7.4	41.5	34.8	6.3
Congestive Heart Failure.....	94	18.1	17.5	4.1	28.7	25.9	5.5	37.2	32.9	7.6
Pneumonia/Influenza.....	61	9.8	15.5	8.3	18.0	21.3	8.3	24.6	26.1	6.2
Chronic Obstructive Pulmonary Disease.....	27	0.0	7.9	*	0.0	13.3	*	7.4	17.7	*
Transient Cerebral Ischemia.....	34	0.0	1.9	*	2.9	4.1	*	2.9	6.6	*
Stroke.....	80	18.8	21.9	8.6	22.5	28.0	9.0	27.5	32.7	9.7
Hip Fracture.....	42	9.5	6.0	*	11.9	11.4	*	14.3	15.4	*
Sepsis.....	15	6.7	20.8	*	6.7	27.6	*	13.3	33.0	*
PROCEDURES:										
Angioplasty.....	15	20.0	5.8	*	26.7	6.7	*	26.7	8.0	*
Coronary Artery Bypass Graft.....	47	2.1	6.5	*	2.1	8.6	*	2.1	9.9	*
Initial Pacemaker Insertion.....	17	5.9	7.0	*	5.9	10.8	*	5.9	14.1	*
Carotid Endarterectomy.....	8	0.0	1.3	*	0.0	2.4	*	0.0	3.6	*
Hip Replacement/Reconstruction.....	84	6.0	1.9	2.3	6.0	3.6	2.5	7.1	5.0	2.6
Open Reduction of Hip Fracture.....	12	16.7	5.7	*	16.7	11.4	*	25.0	15.6	*
Prostatectomy.....	92	0.0	1.2	1.8	1.1	2.9	2.6	3.3	4.9	2.8
Cholecystectomy.....	45	8.9	3.4	*	11.1	6.1	*	11.1	8.2	*
Hysterectomy.....	9	0.0	0.5	*	0.0	1.0	*	0.0	1.4	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

ANAMOSA COMMUNITY HOSPITAL

104 Broadway Place
Anamosa, IA 52205

Medicare Provider Number: 160103

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	151	11.3	8.1	3.9	15.2	12.4	4.0	16.6	15.9	3.6
CONDITIONS:										
Acute Myocardial Infarction.....	7	28.6	20.2	*	28.6	23.1	*	42.9	26.2	*
Congestive Heart Failure.....	9	11.1	13.2	*	22.2	21.1	*	22.2	27.6	*
Pneumonia/Influenza.....	13	15.4	16.1	*	23.1	22.3	*	30.8	26.8	*
Chronic Obstructive Pulmonary Disease.....	8	12.5	11.3	*	12.5	16.2	*	12.5	19.1	*
Transient Cerebral Ischemia.....	8	0.0	2.0	*	0.0	4.4	*	0.0	7.0	*
Stroke.....	9	33.3	17.2	*	33.3	23.7	*	33.3	28.2	*
Hip Fracture.....	1	0.0	5.1	*	0.0	11.6	*	0.0	17.5	*
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 38
Occupancy Rate..... 26
Ownership/Control..... Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 4
Percent of Physicians Board Certified Specialists..... (Not Available)
Medical Residents/Interns..... 0
Registered Nurses..... 11
Licensed Practical Nurses..... 4

SPECIALTY SERVICES:

Burn Unit..... No
Cardiac Intensive Care..... No
Comprehensive Geriatric..... Yes
Hospice Care..... Yes
Medical/Surgical Intensive Care..... No
Organ/Tissue Transplant..... No
Other Intensive Care..... No
Rehabilitation Unit..... No
Trauma Center..... No

** Not used in calculating hospital mortality rates.

ANAMOSA COMMUNITY HOSPITAL

Medicare Provider Number: 160103

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	206	6.8	7.4	1.9	13.1	12.0	2.4	18.0	15.9	3.0
CONDITIONS:										
Acute Myocardial Infarction.....	11	9.1	17.7	*	9.1	20.4	*	18.2	23.2	*
Congestive Heart Failure.....	11	9.1	16.0	*	18.2	24.6	*	27.3	31.6	*
Pneumonia/Influenza.....	8	12.5	9.5	*	25.0	13.2	*	25.0	16.3	*
Chronic Obstructive Pulmonary Disease.....	9	0.0	4.9	*	11.1	9.4	*	22.2	13.2	*
Transient Cerebral Ischemia.....	6	0.0	1.4	*	0.0	2.9	*	0.0	4.4	*
Stroke.....	5	0.0	15.4	*	20.0	20.9	■	20.0	25.4	*
Hip Fracture.....	0									
Sepsis.....	1	0.0	33.1	*	0.0	40.0	*	0.0	45.0	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	212	10.4	9.1	2.5	14.2	13.5	2.4	17.5	17.0	2.7
CONDITIONS:										
Acute Myocardial Infarction.....	9	33.3	27.1	*	33.3	30.2	■	33.3	33.4	*
Congestive Heart Failure.....	12	16.7	13.6	■	16.7	20.8	■	33.3	26.9	*
Pneumonia/Influenza.....	9	22.2	17.3	■	22.2	23.4	*	22.2	28.0	*
Chronic Obstructive Pulmonary Disease.....	6	0.0	9.9	■	0.0	18.1	*	0.0	24.3	*
Transient Cerebral Ischemia.....	17	0.0	2.0	*	5.9	4.4	*	17.6	7.0	*
Stroke.....	12	8.3	19.2	■	25.0	24.5	*	25.0	28.7	*
Hip Fracture.....	1	0.0	3.3	*	0.0	5.9	*	0.0	7.9	*
Sepsis.....	1	0.0	15.5	*	0.0	21.8	*	0.0	27.5	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

AUDUBON COUNTY MEMORIAL HOSPITAL

515 Pacific
Audubon, IA 50025

Medicare Provider Number: 160098

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	123	10.6	7.5	2.8	13.8	10.9	3.2	17.1	13.7	3.5
CONDITIONS:										
Acute Myocardial Infarction.....	5	20.0	29.4	*	20.0	32.5	*	40.0	35.6	*
Congestive Heart Failure.....	5	20.0	11.1	*	20.0	18.7	*	20.0	25.4	*
Pneumonia/Influenza.....	12	25.0	12.8	*	33.3	18.5	*	33.3	22.7	*
Chronic Obstructive Pulmonary Disease.....	1	0.0	2.6	*	0.0	4.9	*	0.0	6.9	*
Transient Cerebral Ischemia.....	0									
Stroke.....	10	20.0	17.2	*	20.0	23.3	*	20.0	27.5	*
Hip Fracture.....	2	50.0	2.7	*	50.0	5.9	*	50.0	8.5	*
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	1	100.0	3.4	*	100.0	7.9	*	100.0	12.0	*
Prostatectomy.....	4	0.0	0.8	*	0.0	2.0	*	0.0	3.6	*
Cholecystectomy.....	3	0.0	0.8	*	0.0	1.3	*	0.0	1.8	*
Hysterectomy.....	1	0.0	0.4	*	0.0	0.8	*	0.0	1.1	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 29
Occupancy Rate..... 21
Ownership/Control..... Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 3
Percent of Physicians Board Certified Specialists.... (Not Available)
Medical Residents/Interns..... 0
Registered Nurses..... 9
Licensed Practical Nurses..... 2

SPECIALTY SERVICES:

Burn Unit..... No
Cardiac Intensive Care..... No
Comprehensive Geriatric..... No
Hospice Care..... No
Medical/Surgical Intensive Care..... No
Organ/Tissue Transplant..... No
Other Intensive Care..... No
Rehabilitation Unit..... No
Trauma Center..... No

** Not used in calculating hospital mortality rates.

AUDUBON COUNTY MEMORIAL HOSPITAL

Medicare Provider Number: 160098

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	122	12.3	7.0	3.2	19.7	11.1	4.5	23.0	14.6	5.2
CONDITIONS:										
Acute Myocardial Infarction.....	2	0.0	17.6	*	0.0	21.4	*	0.0	25.6	*
Congestive Heart Failure.....	5	40.0	13.4	*	60.0	20.4	*	80.0	26.9	*
Pneumonia/Influenza.....	9	44.4	15.8	*	55.6	22.5	*	55.6	27.8	*
Chronic Obstructive Pulmonary Disease.....	1	0.0	5.7	*	0.0	13.9	*	0.0	21.4	*
Transient Cerebral Ischemia.....	1	0.0	1.8	*	0.0	4.3	*	0.0	7.1	*
Stroke.....	6	50.0	16.2	*	50.0	22.0	*	50.0	26.7	*
Hip Fracture.....	7	0.0	2.5	*	0.0	5.3	*	0.0	7.5	*
Sepsis.....	1	0.0	39.1	*	0.0	48.4	*	0.0	55.2	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	4	0.0	2.2	*	0.0	4.9	*	0.0	7.1	*
Open Reduction of Hip Fracture.....	3	0.0	2.2	*	0.0	4.8	*	0.0	7.0	*
Prostatectomy.....	7	0.0	0.7	*	0.0	1.8	*	0.0	3.1	*
Cholecystectomy.....	1	0.0	0.6	*	0.0	1.0	*	0.0	1.4	*
Hysterectomy.....	2	0.0	0.2	*	0.0	0.4	*	0.0	0.5	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	144	13.9	10.4	4.0	18.1	15.3	4.3	22.2	19.1	5.7
CONDITIONS:										
Acute Myocardial Infarction.....	8	12.5	34.8	*	37.5	39.0	*	50.0	43.6	*
Congestive Heart Failure.....	9	22.2	14.3	*	22.2	22.5	*	33.3	28.8	*
Pneumonia/Influenza.....	19	15.8	13.6	*	21.1	19.3	*	26.3	23.8	*
Chronic Obstructive Pulmonary Disease.....	2	0.0	4.5	*	0.0	8.6	*	0.0	12.2	*
Transient Cerebral Ischemia.....	0									
Stroke.....	16	12.5	21.2	*	18.8	30.1	*	18.8	35.9	*
Hip Fracture.....	7	14.3	2.9	*	14.3	6.1	*	14.3	8.6	*
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	4	25.0	3.2	*	25.0	6.9	*	25.0	9.9	*
Open Reduction of Hip Fracture.....	3	0.0	1.8	*	0.0	4.0	*	0.0	5.8	*
Prostatectomy.....	7	0.0	0.6	*	0.0	1.6	*	0.0	2.7	*
Cholecystectomy.....	2	0.0	1.0	*	0.0	1.8	*	0.0	2.5	*
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

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AUDUBON COUNTY MEMORIAL HOSPITAL
Audubon, IA

Provider Number: 160098

The hospital's comments consisted primarily of annotations to the patient-specific information and/or the hospital characteristics generated by the Health Care Financing Administration and provided to the hospital.
We did not publish this annotated information.

BAUM HARMON MEMORIAL HOSPITAL

361 13th Street
Primghar, IA 51245

Medicare Provider Number: 160151

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	143	12.6	14.1	3.4	19.6	20.1	4.0	25.2	24.7	3.6
CONDITIONS:										
Acute Myocardial Infarction.....	2	50.0	21.2	*	50.0	24.5	*	50.0	28.0	*
Congestive Heart Failure.....	15	0.0	21.9	*	13.3	32.7	*	20.0	41.0	*
Pneumonia/Influenza.....	11	18.2	20.9	*	36.4	28.2	*	45.5	33.5	*
Chronic Obstructive Pulmonary Disease.....	5	20.0	7.4	*	20.0	12.2	*	20.0	16.4	*
Transient Cerebral Ischemia.....	0									
Stroke.....	10	0.0	24.3	*	20.0	31.0	*	20.0	35.7	*
Hip Fracture.....	0									
Sepsis.....	9	22.2	24.7	*	33.3	30.0	*	44.4	35.5	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	2	0.0	2.7	*	0.0	4.3	*	0.0	5.3	*
Hysterectomy.....	3	0.0	0.3	*	0.0	0.6	*	0.0	0.8	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 19
Occupancy Rate..... 42
Ownership/Control..... Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 10
Percent of Physicians Board Certified Specialists..... 100
Medical Residents/Interns..... 0
Registered Nurses..... 16
Licensed Practical Nurses..... 2

SPECIALTY SERVICES:

Burn Unit..... No
Cardiac Intensive Care..... No
Comprehensive Geriatric..... No
Hospice Care..... No
Medical/Surgical Intensive Care..... Yes
Organ/Tissue Transplant..... No
Other Intensive Care..... No
Rehabilitation Unit..... No
Trauma Center..... No

** Not used in calculating hospital mortality rates.

BAUM HARMON MEMORIAL HOSPITAL

Medicare Provider Number: 160151

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	219	12.3	14.5	3.1	21.0	20.3	3.4	24.2	24.7	3.0
CONDITIONS:										
Acute Myocardial Infarction.....	12	33.3	28.1	#	50.0	31.2	*	50.0	34.9	*
Congestive Heart Failure.....	13	38.5	17.6	*	61.5	26.6	*	61.5	34.1	*
Pneumonia/Influenza.....	18	16.7	19.8	*	22.2	26.1	*	22.2	31.0	*
Chronic Obstructive Pulmonary Disease.....	4	0.0	8.8	#	0.0	13.2	*	0.0	17.2	*
Transient Cerebral Ischemia.....	0									
Stroke.....	13	30.8	26.8	*	30.8	33.8	*	30.8	39.1	*
Hip Fracture.....	0									
Sepsis.....	9	22.2	41.7	#	22.2	47.4	*	22.2	53.3	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	7	0.0	1.9	*	0.0	3.3	*	0.0	4.0	*
Hysterectomy.....	1	0.0	0.5	#	0.0	0.9	*	0.0	1.1	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	180	16.1	15.4	3.7	18.3	21.6	3.6	21.7	26.2	3.9
CONDITIONS:										
Acute Myocardial Infarction.....	5	60.0	30.2	*	60.0	32.8	*	60.0	36.0	*
Congestive Heart Failure.....	13	15.4	21.8	#	15.4	31.1	#	15.4	38.0	*
Pneumonia/Influenza.....	11	9.1	21.7	*	18.2	28.7	*	18.2	34.0	*
Chronic Obstructive Pulmonary Disease.....	1	100.0	12.5	*	100.0	18.0	#	100.0	22.2	*
Transient Cerebral Ischemia.....	0									
Stroke.....	19	26.3	26.0	#	26.3	33.2	*	36.8	38.3	*
Hip Fracture.....	0									
Sepsis.....	3	0.0	37.5	*	0.0	44.9	#	0.0	51.2	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	5	0.0	10.1	*	0.0	17.7	*	0.0	21.6	#
Hysterectomy.....	2	0.0	4.6	*	0.0	11.8	*	0.0	19.2	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

BELMOND COMMUNITY HOSPITAL

403 1st St SE
Belmond, IA 50421

Medicare Provider Number: 160007

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	62	11.3	11.7	4.2	14.5	16.6	5.4	16.1	20.5	7.9
CONDITIONS:										
Acute Myocardial Infarction.....	4	75.0	30.0	*	75.0	33.2	*	75.0	36.5	*
Congestive Heart Failure.....	4	0.0	13.6	*	0.0	21.6	*	0.0	28.1	*
Pneumonia/Influenza.....	20	15.0	13.9	*	15.0	19.2	*	15.0	23.7	*
Chronic Obstructive Pulmonary Disease.....	2	0.0	4.1	*	0.0	7.9	*	0.0	11.5	*
Transient Cerebral Ischemia.....	0									
Stroke.....	2	0.0	34.2	*	50.0	40.9	*	50.0	45.8	*
Hip Fracture.....	0									
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	1	0.0	1.0	*	0.0	1.4	*	0.0	1.9	*
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 21
Occupancy Rate..... 29
Ownership/Control..... Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 4
Percent of Physicians Board Certified Specialists..... (Not Available)
Medical Residents/Interns..... 0
Registered Nurses..... 12
Licensed Practical Nurses..... 1

SPECIALTY SERVICES:

Burn Unit..... No
Cardiac Intensive Care..... No
Comprehensive Geriatric..... No
Hospice Care..... No
Medical/Surgical Intensive Care..... No
Organ/Tissue Transplant..... No
Other Intensive Care..... No
Rehabilitation Unit..... No
Trauma Center..... No

** Not used in calculating hospital mortality rates.

BELMOND COMMUNITY HOSPITAL

Medicare Provider Number: 160007

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	46	8.7	10.9	*	10.9	15.1	*	13.0	18.7	*
CONDITIONS:										
Acute Myocardial Infarction.....	3	33.3	34.8	*	33.3	37.6	*	33.3	41.1	*
Congestive Heart Failure.....	0									
Pneumonia/Influenza.....	14	0.0	11.8	*	0.0	16.1	*	0.0	19.8	*
Chronic Obstructive Pulmonary Disease.....	1	0.0	11.6	*	0.0	18.3	*	0.0	24.1	*
Transient Cerebral Ischemia.....	1	0.0	2.2	*	0.0	4.4	*	0.0	6.8	*
Stroke.....	0									
Hip Fracture.....	0									
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	1	0.0	0.4	*	0.0	0.8	*	0.0	1.1	*
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	75	20.0	12.2	4.6	24.0	18.0	5.3	30.7	22.7	5.5
CONDITIONS:										
Acute Myocardial Infarction.....	5	80.0	41.2	*	80.0	46.6	*	80.0	52.3	*
Congestive Heart Failure.....	5	0.0	16.1	*	20.0	25.3	*	20.0	32.2	*
Pneumonia/Influenza.....	9	11.1	13.6	*	11.1	18.9	*	22.2	23.4	*
Chronic Obstructive Pulmonary Disease.....	0									
Transient Cerebral Ischemia.....	2	0.0	1.7	*	0.0	3.3	*	0.0	5.2	*
Stroke.....	3	66.7	24.4	*	66.7	32.2	*	100.0	37.9	*
Hip Fracture.....	0									
Sepsis.....	1	0.0	23.3	*	100.0	27.6	*	100.0	32.9	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	1	0.0	0.6	*	0.0	0.9	*	0.0	1.3	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

BOONE COUNTY HOSPITAL

1015 Union Street
Boone, IA 50036

Medicare Provider Number: 160026

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	596	9.9	10.7	1.4	15.6	16.0	1.7	20.1	20.1	1.7
CONDITIONS:										
Acute Myocardial Infarction.....	12	41.7	32.7	*	41.7	37.5	*	41.7	41.6	*
Congestive Heart Failure.....	33	12.1	17.0	*	24.2	25.9	*	33.3	33.1	*
Pneumonia/Influenza.....	52	15.4	19.3	6.3	26.9	25.5	6.3	28.8	30.4	7.0
Chronic Obstructive Pulmonary Disease.....	13	0.0	11.1	*	15.4	17.0	*	15.4	21.9	*
Transient Cerebral Ischemia.....	12	0.0	2.4	*	0.0	5.4	*	0.0	8.6	*
Stroke.....	18	22.2	21.6	*	38.9	28.1	*	50.0	32.8	*
Hip Fracture.....	25	20.0	6.6	*	20.0	12.1	*	20.0	15.7	*
Sepsis.....	15	6.7	24.2	*	6.7	32.4	*	13.3	37.9	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	1	0.0	1.1	*	0.0	2.4	*	0.0	3.6	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	7	28.6	5.1	*	28.6	9.8	*	28.6	13.1	*
Open Reduction of Hip Fracture.....	5	0.0	7.3	*	0.0	13.6	*	0.0	17.7	*
Prostatectomy.....	11	0.0	1.2	*	0.0	3.0	*	9.1	5.1	*
Cholecystectomy.....	11	9.1	6.0	*	18.2	10.0	*	36.4	13.1	*
Hysterectomy.....	4	0.0	0.4	*	0.0	0.8	*	0.0	1.0	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 57
Occupancy Rate..... 53
Ownership/Control..... Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 14
Percent of Physicians Board Certified Specialists..... 64
Medical Residents/Interns..... 0
Registered Nurses..... 72
Licensed Practical Nurses..... 4

SPECIALTY SERVICES:

Burn Unit..... No
Cardiac Intensive Care..... No
Comprehensive Geriatric..... No
Hospice Care..... No
Medical/Surgical Intensive Care..... Yes
Organ/Tissue Transplant..... No
Other Intensive Care..... No
Rehabilitation Unit..... No
Trauma Center..... No

** Not used in calculating hospital mortality rates.

BOONE COUNTY HOSPITAL

Medicare Provider Number: 160026

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	567	10.9	11.1	1.5	15.3	16.1	2.0	18.9	20.1	2.9
CONDITIONS:										
Acute Myocardial Infarction.....	25	32.0	41.8	*	36.0	46.4	*	40.0	50.4	*
Congestive Heart Failure.....	43	11.6	16.8	*	18.6	25.0	*	23.3	31.8	*
Pneumonia/Influenza.....	39	12.8	17.9	*	15.4	23.9	*	15.4	28.6	*
Chronic Obstructive Pulmonary Disease.....	2	0.0	4.7	*	0.0	9.9	*	0.0	14.8	*
Transient Cerebral Ischemia.....	10	0.0	3.3	*	10.0	7.1	*	20.0	11.3	*
Stroke.....	27	33.3	26.0	*	37.0	33.7	*	40.7	38.8	*
Hip Fracture.....	26	15.4	6.9	*	26.9	12.8	*	38.5	16.5	*
Sepsis.....	9	22.2	26.0	*	44.4	33.8	*	44.4	39.5	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	2	50.0	36.8	*	100.0	43.6	*	100.0	48.0	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	9	22.2	5.0	*	33.3	10.0	*	33.3	13.4	*
Open Reduction of Hip Fracture.....	4	0.0	8.9	*	25.0	16.5	*	50.0	21.0	*
Prostatectomy.....	15	0.0	0.7	*	0.0	1.7	*	6.7	2.8	*
Cholecystectomy.....	15	13.3	2.5	*	13.3	4.4	*	13.3	6.1	*
Hysterectomy.....	2	0.0	1.0	*	0.0	2.4	*	0.0	3.5	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	625	11.4	10.7	1.4	16.5	15.9	1.6	19.7	20.0	1.6
CONDITIONS:										
Acute Myocardial Infarction.....	28	32.1	28.8	*	35.7	34.7	*	39.3	39.2	*
Congestive Heart Failure.....	41	9.8	17.1	*	19.5	25.4	*	31.7	32.3	*
Pneumonia/Influenza.....	35	14.3	18.5	*	20.0	25.2	*	20.0	30.4	*
Chronic Obstructive Pulmonary Disease.....	12	8.3	11.6	*	16.7	23.5	*	16.7	32.9	*
Transient Cerebral Ischemia.....	9	0.0	2.2	*	0.0	4.7	*	0.0	7.4	*
Stroke.....	35	28.6	23.4	*	40.0	30.1	*	48.6	35.1	*
Hip Fracture.....	22	4.5	9.1	*	22.7	15.3	*	27.3	18.8	*
Sepsis.....	12	33.3	29.4	*	50.0	41.7	*	50.0	49.0	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	2	0.0	2.8	*	0.0	5.3	*	0.0	7.7	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	2	0.0	6.2	*	50.0	11.5	*	50.0	14.9	*
Open Reduction of Hip Fracture.....	6	0.0	6.5	*	16.7	12.2	*	33.3	15.8	*
Prostatectomy.....	28	0.0	1.4	*	0.0	3.4	*	0.0	5.7	*
Cholecystectomy.....	13	0.0	2.2	*	0.0	4.2	*	0.0	5.6	*
Hysterectomy.....	2	0.0	1.2	*	0.0	2.0	*	0.0	2.4	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

BROADLAWNS MEDICAL CENTER

18th St & Hickman Rd
Des Moines, IA 50314

Medicare Provider Number: 160101

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	270	10.4	9.8	2.1	15.6	14.5	3.1	19.3	18.1	3.1
CONDITIONS:										
Acute Myocardial Infarction.....	10	0.0	24.7	*	0.0	28.1	*	0.0	31.6	*
Congestive Heart Failure.....	21	9.5	12.5	*	19.0	19.2	*	19.0	25.1	*
Pneumonia/Influenza.....	11	0.0	13.0	*	9.1	18.2	*	18.2	22.1	*
Chronic Obstructive Pulmonary Disease.....	12	25.0	9.0	*	25.0	14.6	*	25.0	19.5	*
Transient Cerebral Ischemia.....	5	0.0	1.6	*	20.0	3.7	*	20.0	5.9	*
Stroke.....	5	0.0	15.4	*	20.0	20.3	*	20.0	24.0	*
Hip Fracture.....	9	0.0	5.0	*	11.1	9.0	*	11.1	12.0	*
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	2	0.0	6.4	*	0.0	11.1	*	0.0	14.0	*
Open Reduction of Hip Fracture.....	3	0.0	4.8	*	0.0	8.7	*	0.0	11.4	*
Prostatectomy.....	0									
Cholecystectomy.....	7	0.0	0.9	*	0.0	1.5	*	0.0	1.9	*
Hysterectomy.....	3	0.0	0.4	*	0.0	0.9	*	0.0	1.4	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 214
Occupancy Rate..... 59
Ownership/Control..... Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 90
Percent of Physicians Board Certified Specialists..... 90
Medical Residents/Interns..... 30
Registered Nurses..... 107
Licensed Practical Nurses..... 21

SPECIALTY SERVICES:

Burn Unit..... No
Cardiac Intensive Care..... No
Comprehensive Geriatric..... Yes
Hospice Care..... No
Medical/Surgical Intensive Care..... Yes
Organ/Tissue Transplant..... No
Other Intensive Care..... No
Rehabilitation Unit..... No
Trauma Center..... No

** Not used in calculating hospital mortality rates.

BROADLAWS MEDICAL CENTER

Medicare Provider Number: 160101

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	309	9.1	9.5	2.2	13.3	14.0	2.4	17.5	17.7	2.4
CONDITIONS:										
Acute Myocardial Infarction.....	14	42.9	25.2	*	42.9	28.0	*	42.9	31.3	*
Congestive Heart Failure.....	13	0.0	12.0	*	7.7	18.4	*	30.8	24.1	*
Pneumonia/Influenza.....	8	12.5	14.0	*	25.0	19.5	*	62.5	23.9	*
Chronic Obstructive Pulmonary Disease.....	18	5.6	10.7	*	5.6	18.3	*	11.1	25.0	*
Transient Cerebral Ischemia.....	5	0.0	1.7	*	0.0	3.6	*	0.0	5.5	*
Stroke.....	6	16.7	18.3	*	16.7	23.7	*	16.7	27.9	*
Hip Fracture.....	4	0.0	6.6	*	0.0	11.4	*	0.0	14.4	*
Sepsis.....	3	66.7	40.0	*	66.7	55.5	*	66.7	64.3	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	1	0.0	3.7	*	0.0	6.9	*	0.0	9.0	*
Open Reduction of Hip Fracture.....	1	0.0	11.3	*	0.0	19.6	*	0.0	23.9	*
Prostatectomy.....	3	0.0	1.4	*	0.0	3.9	*	0.0	6.8	*
Cholecystectomy.....	7	0.0	2.5	*	0.0	4.0	*	0.0	4.9	*
Hysterectomy.....	5	0.0	0.2	*	0.0	0.4	*	0.0	0.5	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	331	7.6	9.1	1.9	9.7	13.5	2.6	13.0	17.3	2.7
CONDITIONS:										
Acute Myocardial Infarction.....	11	36.4	32.9	*	36.4	38.0	*	36.4	42.5	*
Congestive Heart Failure.....	12	8.3	14.3	*	16.7	21.5	*	25.0	27.8	*
Pneumonia/Influenza.....	24	8.3	13.7	*	12.5	19.1	*	20.8	23.5	*
Chronic Obstructive Pulmonary Disease.....	9	0.0	8.6	*	11.1	15.4	*	11.1	21.5	*
Transient Cerebral Ischemia.....	2	0.0	1.5	*	0.0	3.0	*	0.0	4.6	*
Stroke.....	9	0.0	17.2	*	0.0	22.2	*	0.0	26.4	*
Hip Fracture.....	6	0.0	4.2	*	0.0	7.5	*	0.0	10.0	*
Sepsis.....	1	0.0	7.7	*	0.0	10.7	*	0.0	14.2	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	2	0.0	2.6	*	0.0	4.6	*	0.0	6.3	*
Open Reduction of Hip Fracture.....	4	0.0	4.0	*	0.0	7.4	*	0.0	9.9	*
Prostatectomy.....	5	20.0	4.1	*	20.0	9.9	*	20.0	15.5	*
Cholecystectomy.....	9	0.0	3.0	*	0.0	5.6	*	0.0	7.5	*
Hysterectomy.....	1	0.0	0.0	*	0.0	0.1	*	0.0	0.2	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

BUENA VISTA COUNTY HOSPITAL

1525 West Fifth Street
Storm Lake, IA 50588

Medicare Provider Number: 160066

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	529	10.8	10.8	1.4	17.4	15.8	2.2	20.0	19.7	2.1
CONDITIONS:										
Acute Myocardial Infarction.....	25	36.0	35.6	*	44.0	39.8	*	44.0	44.0	*
Congestive Heart Failure.....	26	19.2	18.0	*	23.1	26.8	*	34.6	34.3	*
Pneumonia/Influenza.....	41	14.6	19.3	*	29.3	26.7	*	29.3	32.3	*
Chronic Obstructive Pulmonary Disease.....	8	0.0	6.3	*	12.5	11.4	*	12.5	16.0	*
Transient Cerebral Ischemia.....	15	13.3	2.0	*	13.3	4.6	*	13.3	7.4	*
Stroke.....	24	12.5	22.6	*	37.5	29.8	*	41.7	34.7	*
Hip Fracture.....	16	6.3	7.7	*	25.0	13.6	*	25.0	17.6	*
Sepsis.....	3	33.3	27.1	*	33.3	39.8	*	33.3	46.9	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	8	0.0	7.3	*	25.0	14.3	*	25.0	19.2	*
Open Reduction of Hip Fracture.....	8	12.5	6.6	*	25.0	11.6	*	25.0	14.7	*
Prostatectomy.....	17	0.0	1.1	*	0.0	2.5	*	0.0	4.1	*
Cholecystectomy.....	13	7.7	4.4	*	7.7	7.4	*	7.7	9.3	*
Hysterectomy.....	6	0.0	0.2	*	0.0	0.4	*	0.0	0.6	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 70
Occupancy Rate..... 43
Ownership/Control..... Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 12
Percent of Physicians Board Certified Specialists..... 100
Medical Residents/Interns..... 0
Registered Nurses..... 71
Licensed Practical Nurses..... 2

SPECIALTY SERVICES:

Burn Unit..... No
Cardiac Intensive Care..... No
Comprehensive Geriatric..... No
Hospice Care..... Yes
Medical/Surgical Intensive Care..... Yes
Organ/Tissue Transplant..... No
Other Intensive Care..... No
Rehabilitation Unit..... No
Trauma Center..... No

** Not used in calculating hospital mortality rates.

BUENA VISTA COUNTY HOSPITAL

Medicare Provider Number: 160066

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	526	10.8	11.2	2.0	16.0	16.8	2.9	19.0	21.0	3.0
CONDITIONS:										
Acute Myocardial Infarction.....	21	47.6	41.3	*	52.4	45.3	*	52.4	49.3	*
Congestive Heart Failure.....	32	28.1	18.5	*	31.3	27.2	*	31.3	34.4	*
Pneumonia/Influenza.....	37	13.5	18.7	*	24.3	24.8	*	29.7	29.6	*
Chronic Obstructive Pulmonary Disease.....	2	0.0	6.1	*	0.0	11.7	*	0.0	16.9	*
Transient Cerebral Ischemia.....	8	0.0	2.3	*	0.0	4.9	*	12.5	7.8	*
Stroke.....	31	6.5	16.4	*	19.4	23.0	*	19.4	27.3	*
Hip Fracture.....	22	13.6	9.0	*	22.7	16.7	*	27.3	21.4	*
Sepsis.....	4	75.0	45.8	*	75.0	55.1	*	75.0	63.0	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	1	0.0	1.4	*	0.0	3.0	*	0.0	4.7	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	14	7.1	6.1	*	14.3	12.1	*	14.3	16.1	*
Open Reduction of Hip Fracture.....	8	25.0	11.6	*	37.5	22.0	*	50.0	28.3	*
Prostatectomy.....	29	0.0	1.2	*	0.0	2.9	*	0.0	4.9	*
Cholecystectomy.....	14	0.0	2.5	*	0.0	4.0	*	0.0	5.1	*
Hysterectomy.....	9	0.0	1.6	*	0.0	3.1	*	0.0	4.3	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	536	9.7	9.9	1.6	15.1	14.8	1.5	19.6	18.8	1.9
CONDITIONS:										
Acute Myocardial Infarction.....	22	45.5	35.6	*	54.5	39.1	*	59.1	43.5	*
Congestive Heart Failure.....	30	20.0	19.0	*	23.3	29.2	*	30.0	37.2	*
Pneumonia/Influenza.....	36	13.9	16.3	*	27.8	22.2	*	41.7	26.9	*
Chronic Obstructive Pulmonary Disease.....	6	0.0	6.7	*	0.0	13.3	*	0.0	19.2	*
Transient Cerebral Ischemia.....	8	12.5	2.0	*	12.5	4.6	*	12.5	7.5	*
Stroke.....	36	19.4	20.5	*	27.8	27.1	*	38.9	31.9	*
Hip Fracture.....	21	4.8	6.7	*	14.3	12.9	*	23.8	17.4	*
Sepsis.....	5	40.0	29.3	*	60.0	35.7	*	60.0	41.7	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	3	0.0	2.8	*	0.0	5.9	*	33.3	9.1	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	11	0.0	6.4	*	9.1	13.2	*	18.2	18.2	*
Open Reduction of Hip Fracture.....	10	10.0	5.7	*	20.0	10.9	*	30.0	14.6	*
Prostatectomy.....	32	0.0	1.4	*	0.0	3.6	*	0.0	6.3	*
Cholecystectomy.....	9	0.0	2.3	*	0.0	4.2	*	0.0	5.3	*
Hysterectomy.....	4	0.0	0.3	*	0.0	0.6	*	0.0	0.8	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

BURGESS MEMORIAL HOSPITAL

1600 Diamond
Onawa, IA 51040

Medicare Provider Number: 160107

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	404	7.4	9.2	2.2	11.6	14.1	3.1	14.6	17.9	3.6
CONDITIONS:										
Acute Myocardial Infarction.....	13	23.1	23.1	*	23.1	26.8	*	23.1	30.3	*
Congestive Heart Failure.....	20	15.0	13.9	*	25.0	22.2	*	30.0	28.6	*
Pneumonia/Influenza.....	46	6.5	15.2	*	13.0	21.8	*	15.2	26.7	*
Chronic Obstructive Pulmonary Disease.....	10	0.0	4.3	*	0.0	9.3	*	10.0	14.0	*
Transient Cerebral Ischemia.....	7	0.0	2.0	*	0.0	4.6	*	0.0	7.4	*
Stroke.....	19	15.8	16.7	*	21.1	23.4	*	21.1	27.8	*
Hip Fracture.....	7	14.3	5.3	*	28.6	9.4	*	28.6	12.3	*
Sepsis.....	6	16.7	24.9	*	33.3	33.2	*	33.3	39.2	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	1	0.0	1.7	*	0.0	3.3	*	0.0	5.1	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	6	0.0	4.7	*	16.7	8.9	*	16.7	11.9	*
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	10	0.0	1.8	*	0.0	4.5	*	10.0	7.6	*
Cholecystectomy.....	6	0.0	2.6	*	0.0	4.5	*	0.0	5.8	*
Hysterectomy.....	4	0.0	0.4	*	0.0	0.7	*	0.0	1.0	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 48
Occupancy Rate..... 48
Ownership/Control..... Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 6
Percent of Physicians Board Certified Specialists..... 50
Medical Residents/Interns..... 0
Registered Nurses..... 33
Licensed Practical Nurses..... 5

SPECIALTY SERVICES:

Burn Unit..... No
Cardiac Intensive Care..... No
Comprehensive Geriatric..... No
Hospice Care..... No
Medical/Surgical Intensive Care..... Yes
Organ/Tissue Transplant..... No
Other Intensive Care..... No
Rehabilitation Unit..... No
Trauma Center..... No

** Not used in calculating hospital mortality rates.

BURGESS MEMORIAL HOSPITAL

Medicare Provider Number: 160107

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	440	12.3	9.1	2.1	15.9	14.1	1.9	18.2	17.8	1.9
CONDITIONS:										
Acute Myocardial Infarction.....	14	28.6	27.3	*	28.6	30.4	*	28.6	33.7	*
Congestive Heart Failure.....	27	29.6	15.9	*	33.3	24.5	*	40.7	31.1	*
Pneumonia/Influenza.....	21	14.3	16.2	*	19.0	22.4	*	19.0	27.3	*
Chronic Obstructive Pulmonary Disease.....	10	20.0	5.4	*	20.0	10.3	*	20.0	14.7	*
Transient Cerebral Ischemia.....	7	0.0	1.7	*	0.0	3.6	*	0.0	5.7	*
Stroke.....	23	21.7	18.3	*	34.8	25.3	*	34.8	30.0	*
Hip Fracture.....	10	10.0	5.2	*	10.0	9.8	*	10.0	13.0	*
Sepsis.....	6	0.0	13.7	*	0.0	17.6	*	0.0	21.6	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	2	0.0	2.1	*	0.0	5.0	*	0.0	8.3	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	6	0.0	3.7	*	0.0	7.6	*	0.0	10.6	*
Open Reduction of Hip Fracture.....	3	33.3	7.1	*	33.3	13.4	*	33.3	17.4	*
Prostatectomy.....	11	9.1	1.2	*	9.1	2.8	*	9.1	4.6	*
Cholecystectomy.....	5	0.0	1.2	*	0.0	2.2	*	0.0	2.9	*
Hysterectomy.....	5	0.0	0.3	*	0.0	0.5	*	0.0	0.8	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	415	9.2	8.9	1.4	11.8	13.4	1.9	14.7	17.1	2.4
CONDITIONS:										
Acute Myocardial Infarction.....	15	26.7	29.2	*	33.3	32.7	*	40.0	36.3	*
Congestive Heart Failure.....	16	18.8	18.7	*	18.8	29.3	*	31.3	37.2	*
Pneumonia/Influenza.....	28	17.9	16.2	*	21.4	22.5	*	25.0	27.4	*
Chronic Obstructive Pulmonary Disease.....	5	0.0	6.4	*	0.0	11.2	*	20.0	15.8	*
Transient Cerebral Ischemia.....	13	0.0	2.1	*	0.0	4.7	*	7.7	7.7	*
Stroke.....	24	37.5	24.3	*	41.7	32.8	*	41.7	38.1	*
Hip Fracture.....	12	0.0	6.4	*	0.0	12.0	*	0.0	15.9	*
Sepsis.....	4	25.0	24.2	*	50.0	32.6	*	50.0	38.7	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	1	0.0	1.6	*	0.0	3.4	*	0.0	5.2	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	11	0.0	4.3	*	0.0	8.3	*	0.0	11.2	*
Open Reduction of Hip Fracture.....	2	0.0	8.2	*	0.0	16.4	*	0.0	21.8	*
Prostatectomy.....	16	0.0	1.1	*	0.0	2.6	*	0.0	4.2	*
Cholecystectomy.....	5	0.0	2.4	*	0.0	4.1	*	0.0	5.2	*
Hysterectomy.....	1	0.0	0.1	*	0.0	0.3	*	0.0	0.4	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.



Burgess Memorial Hospital

1600 Diamond Ave., Onawa, IA 51040 (712) 423-2311

January 7, 1991

Health Care Financing Administration
Health Standards and Quality Bureau
Attn: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Mrs Kappert,

In reviewing Burgess Memorial Hospital's mortality data several areas appear to be in need of comment.

*All the patients whose death did not occur at Burgess Memorial Hospital, were either transferred to an area nursing home because of their medical condition and inability to remain in their own home, or they were transferred to a larger acute care facility for a more advanced level of medical care. We feel that neither of these reflects negatively on the quality of care at Burgess. On the contrary, transferring patients for a more advanced level of service is of the highest quality care. The transfers to nursing homes simply reflects the demographics of Monona County's aging population. One questions results from this area of concern; do those patients transferred to acute care hospitals also count on their mortality statistics?

*Burgess data showed seven people in 1989/90 whose diagnosis for the admission shown was different than the eventual cause of death. Again this reflects our aging population with a variety of coronary health problems. Examples of these include; admission diagnosis of UGI bleed, cause of death cancer of prostate; admission diagnosis kidney stone, cause of death pneumonia.

*Also included in the data were four individuals whose death was one year after their last admission to Burgess. In all of these cases the admission chosen was their last admission to our facility and their death occurred at a nursing home one year later. This is six months past the 180 days data said to be listed.

*In the diagnostic category of hip fractures the 14.3% observed mortality rate at 30 days was caused by one patients death. Patient fell at nursing home, had CHF and CVA, was comatose, son elected no procedure and patient died the day of admission.

page 2

The patient who died at 90 days was 92 years old and died in nursing home.

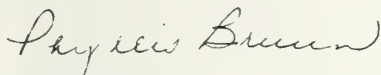
*In the diagnostic category of congestive heart failure, the 15.0% mortality rate reflects the death of three patients. Two percent of these were transferred to another acute care hospital and died there. The other had an admission diagnosis of CHF and died of cancer metastasis on that admission.

These comments reflect our concerns. Thank you for the opportunity to comment.

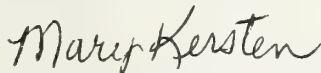
Very truly yours,



Sharon L. Taylor, RN, BSN
Director of Community Affairs
SLT/bm



Phyllis Bruun, RN
Utilization Review



Mary Kersten, R.R.A.
Director of Quality Assurance

BURLINGTON MEDICAL CENTER

602 N 3rd St
Burlington, IA 52601

Medicare Provider Number: 160057

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	1,687	11.9	10.7	1.3	16.6	15.7	1.2	20.3	19.5	1.2
CONDITIONS:										
Acute Myocardial Infarction.....	87	37.9	27.6	7.0	43.7	30.8	8.1	49.4	34.1	9.2
Congestive Heart Failure.....	73	12.3	14.9	5.1	17.8	22.8	6.4	30.1	29.5	5.5
Pneumonia/Influenza.....	99	14.1	15.7	3.9	21.2	21.6	4.4	24.2	26.1	5.6
Chronic Obstructive Pulmonary Disease.....	18	0.0	5.2	*	5.6	9.8	*	11.1	14.3	*
Transient Cerebral Ischemia.....	27	0.0	1.6	*	0.0	3.7	*	0.0	6.0	*
Stroke.....	88	15.9	21.0	5.3	21.6	26.7	5.8	22.7	31.1	7.5
Hip Fracture.....	63	9.5	6.9	3.9	12.7	12.2	5.6	20.6	15.8	8.8
Sepsis.....	47	27.7	30.4	*	40.4	37.9	*	42.6	44.3	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	10	0.0	2.5	*	0.0	5.1	*	0.0	7.7	*
Carotid Endarterectomy.....	6	0.0	1.9	*	0.0	4.0	*	0.0	6.1	*
Hip Replacement/Reconstruction.....	60	5.0	3.1	2.8	6.7	6.1	3.3	8.3	8.5	3.6
Open Reduction of Hip Fracture.....	33	3.0	6.3	*	9.1	11.8	*	21.2	15.4	*
Prostatectomy.....	43	0.0	0.8	*	2.3	1.9	*	2.3	3.0	*
Cholecystectomy.....	34	14.7	5.4	*	20.6	10.1	*	23.5	13.6	*
Hysterectomy.....	11	0.0	0.5	*	0.0	1.1	*	0.0	1.6	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 388
Occupancy Rate..... 70
Ownership/Control..... Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 74
Percent of Physicians Board Certified Specialists..... 61
Medical Residents/Interns..... 0
Registered Nurses..... 143
Licensed Practical Nurses..... 26

SPECIALTY SERVICES:

Burn Unit..... No
Cardiac Intensive Care..... No
Comprehensive Geriatric..... No
Hospice Care..... No
Medical/Surgical Intensive Care..... Yes
Organ/Tissue Transplant..... No
Other Intensive Care..... No
Rehabilitation Unit..... Yes
Trauma Center..... No

** Not used in calculating hospital mortality rates.

BURLINGTON MEDICAL CENTER

Medicare Provider Number: 160057

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,640	10.7	9.7	1.2	14.5	14.5	1.2	18.2	18.4	1.0
CONDITIONS:										
Acute Myocardial Infarction.....	56	32.1	26.3	9.4	37.5	30.3	9.9	42.9	34.1	11.3
Congestive Heart Failure.....	79	25.3	18.2	8.7	30.4	26.7	8.5	39.2	33.9	8.8
Pneumonia/Influenza.....	74	14.9	16.0	5.2	18.9	21.6	5.4	24.3	25.9	5.3
Chronic Obstructive Pulmonary Disease.....	14	7.1	4.5	*	7.1	8.7	*	14.3	12.9	*
Transient Cerebral Ischemia.....	22	0.0	2.1	*	0.0	4.7	*	9.1	7.4	*
Stroke.....	80	26.2	23.3	5.4	30.0	29.8	5.6	33.7	34.5	5.4
Hip Fracture.....	66	9.1	6.8	5.2	15.2	12.5	5.7	16.7	16.0	4.9
Sepsis.....	26	34.6	28.8	*	34.6	35.9	*	34.6	41.6	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	8	12.5	6.1	*	12.5	10.1	*	12.5	13.8	*
Carotid Endarterectomy.....	11	0.0	1.7	*	0.0	3.4	*	0.0	5.0	*
Hip Replacement/Reconstruction.....	61	4.9	3.6	3.8	8.2	6.9	4.6	9.8	9.1	4.7
Open Reduction of Hip Fracture.....	36	8.3	5.7	*	13.9	11.0	*	16.7	14.5	*
Prostatectomy.....	44	2.3	1.0	*	4.5	2.4	*	6.8	3.9	*
Cholecystectomy.....	36	2.8	3.6	*	2.8	6.2	*	2.8	7.7	*
Hysterectomy.....	6	0.0	1.2	*	0.0	2.8	*	0.0	4.5	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,825	9.3	9.3	0.7	14.1	14.0	0.8	17.5	17.9	0.9
CONDITIONS:										
Acute Myocardial Infarction.....	67	35.8	29.5	8.3	47.8	33.0	8.3	49.3	36.6	8.4
Congestive Heart Failure.....	67	20.9	18.4	5.1	20.9	26.3	6.6	20.9	33.1	12.0
Pneumonia/Influenza.....	86	17.4	15.1	5.3	23.3	20.5	5.4	25.6	25.0	4.7
Chronic Obstructive Pulmonary Disease.....	34	14.7	11.5	*	26.5	18.9	*	32.4	24.5	*
Transient Cerebral Ischemia.....	29	3.4	1.9	*	3.4	4.0	*	3.4	6.2	*
Stroke.....	71	21.1	23.8	6.2	31.0	30.0	5.5	35.2	34.8	5.8
Hip Fracture.....	64	3.1	6.5	4.6	9.4	11.5	6.1	10.9	14.9	5.4
Sepsis.....	14	28.6	27.5	*	50.0	36.4	*	50.0	43.3	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	13	7.7	4.0	*	7.7	8.0	*	15.4	11.7	*
Carotid Endarterectomy.....	10	0.0	2.0	*	0.0	3.9	*	0.0	5.8	*
Hip Replacement/Reconstruction.....	50	2.0	3.1	*	2.0	5.9	*	2.0	7.9	*
Open Reduction of Hip Fracture.....	26	3.8	6.7	*	15.4	12.4	*	19.2	16.1	*
Prostatectomy.....	56	3.6	1.3	2.5	3.6	3.4	2.4	3.6	5.8	3.6
Cholecystectomy.....	34	8.8	4.7	*	11.8	7.9	*	11.8	9.8	*
Hysterectomy.....	11	0.0	0.2	*	0.0	0.4	*	0.0	0.6	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

CASS COUNTY MEMORIAL HOSPITAL

1501 E 10th St
Atlantic, IA 50022

Medicare Provider Number: 160039

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	536	9.3	8.9	1.5	15.3	13.4	2.0	18.7	17.1	2.5
CONDITIONS:										
Acute Myocardial Infarction.....	15	26.7	28.6	*	40.0	32.1	*	40.0	35.7	*
Congestive Heart Failure.....	38	15.8	13.4	*	23.7	21.0	*	28.9	27.7	*
Pneumonia/Influenza.....	38	7.9	16.0	*	10.5	21.9	*	13.2	26.8	*
Chronic Obstructive Pulmonary Disease.....	12	0.0	7.4	*	8.3	12.7	*	8.3	17.4	*
Transient Cerebral Ischemia.....	13	0.0	1.4	*	7.7	3.1	*	7.7	5.0	*
Stroke.....	27	18.5	16.2	*	29.6	22.6	*	37.0	26.8	*
Hip Fracture.....	16	12.5	6.8	*	25.0	12.8	*	25.0	17.1	*
Sepsis.....	10	10.0	22.2	*	30.0	29.5	*	30.0	35.5	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	2	0.0	18.1	*	0.0	22.7	*	50.0	28.2	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	5	0.0	5.5	*	40.0	10.3	*	40.0	13.7	*
Open Reduction of Hip Fracture.....	7	28.6	7.5	*	28.6	14.9	*	28.6	20.2	*
Prostatectomy.....	8	0.0	1.2	*	0.0	3.0	*	0.0	5.3	*
Cholecystectomy.....	11	0.0	4.1	*	0.0	7.5	*	0.0	9.5	*
Hysterectomy.....	7	0.0	1.2	*	0.0	2.3	*	0.0	3.4	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 71
Occupancy Rate..... 49
Ownership/Control..... Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 13
Percent of Physicians Board Certified Specialists..... 62
Medical Residents/Interns..... 0
Registered Nurses..... 61
Licensed Practical Nurses..... 18

SPECIALTY SERVICES:

Burn Unit..... No
Cardiac Intensive Care..... No
Comprehensive Geriatric..... No
Hospice Care..... Yes
Medical/Surgical Intensive Care..... Yes
Organ/Tissue Transplant..... No
Other Intensive Care..... No
Rehabilitation Unit..... No
Trauma Center..... No

** Not used in calculating hospital mortality rates.

CASS COUNTY MEMORIAL HOSPITAL

Medicare Provider Number: 160039

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	591	10.8	9.1	1.7	18.1	14.0	2.4	21.8	17.8	2.5
CONDITIONS:										
Acute Myocardial Infarction.....	20	30.0	25.2	*	30.0	28.5	*	30.0	32.0	*
Congestive Heart Failure.....	53	18.9	15.7	5.5	24.5	23.6	5.9	30.2	30.1	6.4
Pneumonia/Influenza.....	40	17.5	15.3	*	27.5	21.1	*	35.0	25.6	*
Chronic Obstructive Pulmonary Disease.....	9	0.0	9.9	*	0.0	15.6	*	11.1	20.6	*
Transient Cerebral Ischemia.....	7	0.0	1.1	*	0.0	2.6	*	0.0	4.1	*
Stroke.....	21	23.8	16.1	*	33.3	23.2	*	38.1	27.8	*
Hip Fracture.....	14	35.7	7.5	*	35.7	14.1	*	42.9	18.6	*
Sepsis.....	4	25.0	23.8	*	25.0	29.9	*	25.0	35.6	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	1	0.0	2.1	*	0.0	4.7	*	0.0	7.3	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	4	25.0	7.8	*	50.0	16.0	*	50.0	22.4	*
Open Reduction of Hip Fracture.....	8	37.5	6.7	*	37.5	13.4	*	50.0	18.0	*
Prostatectomy.....	14	0.0	0.8	*	0.0	2.1	*	0.0	3.6	*
Cholecystectomy.....	9	0.0	1.5	*	0.0	2.6	*	0.0	3.3	*
Hysterectomy.....	2	0.0	0.3	*	0.0	0.5	*	0.0	0.7	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	556	9.9	8.0	1.4	14.2	12.4	1.7	17.4	16.1	1.7
CONDITIONS:										
Acute Myocardial Infarction.....	26	34.6	27.8	*	34.6	31.3	*	34.6	34.9	*
Congestive Heart Failure.....	30	10.0	15.4	*	16.7	23.9	*	20.0	31.2	*
Pneumonia/Influenza.....	27	14.8	14.0	*	14.8	19.6	*	18.5	24.3	*
Chronic Obstructive Pulmonary Disease.....	11	0.0	4.5	*	0.0	8.3	*	0.0	11.7	*
Transient Cerebral Ischemia.....	10	0.0	2.0	*	0.0	4.4	*	0.0	7.2	*
Stroke.....	28	21.4	13.7	*	28.6	19.9	*	35.7	24.0	*
Hip Fracture.....	8	12.5	8.7	*	12.5	16.0	*	12.5	20.6	*
Sepsis.....	4	25.0	18.0	*	75.0	23.9	*	75.0	29.8	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	3	33.3	6.8	*	33.3	13.0	*	33.3	17.0	*
Open Reduction of Hip Fracture.....	5	0.0	8.1	*	0.0	15.8	*	0.0	21.0	*
Prostatectomy.....	17	0.0	1.0	*	5.9	2.4	*	5.9	3.9	*
Cholecystectomy.....	5	0.0	1.1	*	0.0	2.0	*	0.0	2.8	*
Hysterectomy.....	8	0.0	1.1	*	0.0	2.0	*	0.0	2.7	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

CENTRAL COMMUNITY HOSPITAL

901 Davidson St

Elkader, IA 52043

Medicare Provider Number: 160063

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	117	14.5	10.0	5.5	18.8	14.6	5.2	21.4	18.5	4.8
CONDITIONS:										
Acute Myocardial Infarction.....	4	0.0	24.6	*	0.0	28.0	*	0.0	31.6	*
Congestive Heart Failure.....	12	33.3	16.6	*	41.7	24.8	*	41.7	31.7	*
Pneumonia/Influenza.....	8	0.0	15.9	*	12.5	21.1	*	25.0	25.6	*
Chronic Obstructive Pulmonary Disease.....	5	20.0	3.6	*	20.0	7.3	*	20.0	10.7	*
Transient Cerebral Ischemia.....	2	0.0	2.1	*	0.0	5.0	*	0.0	8.2	*
Stroke.....	5	40.0	19.1	*	40.0	25.2	*	40.0	29.6	*
Hip Fracture.....	8	12.5	4.6	*	12.5	8.7	*	12.5	11.6	*
Sepsis.....	6	50.0	32.0	*	50.0	40.2	*	66.7	47.8	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	4	25.0	3.9	*	25.0	7.6	*	25.0	10.2	*
Open Reduction of Hip Fracture.....	5	0.0	4.1	*	0.0	8.1	*	0.0	11.1	*
Prostatectomy.....	3	0.0	1.0	*	0.0	2.4	*	0.0	4.1	*
Cholecystectomy.....	1	0.0	6.5	*	0.0	12.1	*	0.0	15.1	*
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 29
 Occupancy Rate..... 55
 Ownership/Control..... Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 2
 Percent of Physicians Board Certified Specialists..... 100
 Medical Residents/Interns..... 0
 Registered Nurses..... 18
 Licensed Practical Nurses..... 6

SPECIALTY SERVICES:

Burn Unit..... No
 Cardiac Intensive Care..... No
 Comprehensive Geriatric..... No
 Hospice Care..... No
 Medical/Surgical Intensive Care..... No
 Organ/Tissue Transplant..... No
 Other Intensive Care..... No
 Rehabilitation Unit..... No
 Trauma Center..... No

** Not used in calculating hospital mortality rates.

CENTRAL COMMUNITY HOSPITAL

Medicare Provider Number: 160063

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	125	14.4	11.2	3.6	19.2	16.8	3.8	20.0	21.0	3.8
CONDITIONS:										
Acute Myocardial Infarction.....	4	25.0	23.4	*	25.0	26.4	*	25.0	29.5	*
Congestive Heart Failure.....	13	30.8	17.1	*	38.5	26.7	*	38.5	34.5	*
Pneumonia/Influenza.....	11	27.3	17.9	*	36.4	23.9	*	36.4	28.7	*
Chronic Obstructive Pulmonary Disease.....	0									
Transient Cerebral Ischemia.....	0									
Stroke.....	7	42.9	18.6	*	42.9	24.5	*	42.9	29.2	*
Hip Fracture.....	2	0.0	6.7	*	0.0	12.8	*	0.0	16.7	*
Sepsis.....	1	0.0	33.2	*	0.0	38.7	*	0.0	45.3	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	2	0.0	10.2	*	0.0	21.7	*	0.0	30.0	*
Open Reduction of Hip Fracture.....	1	0.0	2.5	*	0.0	4.8	*	0.0	6.5	*
Prostatectomy.....	2	0.0	2.8	*	0.0	7.0	*	0.0	11.3	*
Cholecystectomy.....	4	25.0	3.3	*	25.0	5.9	*	25.0	7.5	*
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	154	12.3	11.0	2.8	14.9	16.1	3.2	20.1	20.5	3.3
CONDITIONS:										
Acute Myocardial Infarction.....	7	14.3	33.1	*	14.3	37.1	*	14.3	40.7	*
Congestive Heart Failure.....	18	16.7	15.6	*	22.2	23.5	*	38.9	30.3	*
Pneumonia/Influenza.....	7	0.0	17.5	*	0.0	23.4	*	14.3	28.4	*
Chronic Obstructive Pulmonary Disease.....	2	0.0	6.1	*	0.0	11.6	*	0.0	16.8	*
Transient Cerebral Ischemia.....	1	0.0	1.1	*	0.0	2.3	*	0.0	3.4	*
Stroke.....	6	50.0	20.6	*	50.0	27.7	*	50.0	33.3	*
Hip Fracture.....	7	28.6	5.9	*	28.6	11.3	*	28.6	15.1	*
Sepsis.....	9	44.4	31.0	*	44.4	38.1	*	44.4	44.5	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	4	50.0	5.3	*	50.0	10.1	*	50.0	13.5	*
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	4	0.0	1.3	*	0.0	3.2	*	0.0	5.4	*
Cholecystectomy.....	1	0.0	1.3	*	0.0	2.3	*	0.0	3.1	*
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

CHARTER COMMUNITY HOSPITAL DES MOINES

1818 48th St
Des Moines, IA 50310

Medicare Provider Number: 160133

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	291	11.0	11.4	1.9	19.9	17.8	2.9	25.4	23.0	3.7
CONDITIONS:										
Acute Myocardial Infarction.....	7	14.3	24.7	*	14.3	28.2	*	14.3	31.7	*
Congestive Heart Failure.....	14	0.0	13.3	*	7.1	20.5	*	21.4	26.8	*
Pneumonia/Influenza.....	22	22.7	15.5	*	31.8	21.3	*	31.8	25.9	*
Chronic Obstructive Pulmonary Disease.....	4	0.0	6.2	*	25.0	10.4	*	25.0	14.2	*
Transient Cerebral Ischemia.....	7	0.0	1.6	*	0.0	3.5	*	0.0	5.6	*
Stroke.....	10	20.0	19.3	*	30.0	24.9	*	40.0	29.0	*
Hip Fracture.....	8	0.0	6.8	*	12.5	12.4	*	12.5	16.2	*
Sepsis.....	10	0.0	23.7	*	20.0	29.7	*	20.0	34.4	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	1	0.0	1.6	*	0.0	3.6	*	0.0	5.6	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	1	0.0	4.0	*	0.0	8.5	*	0.0	12.3	*
Open Reduction of Hip Fracture.....	6	0.0	6.4	*	16.7	12.1	*	16.7	15.9	*
Prostatectomy.....	2	0.0	7.5	*	0.0	20.4	*	50.0	35.7	*
Cholecystectomy.....	1	0.0	1.5	*	0.0	2.7	*	0.0	3.5	*
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 66
Occupancy Rate..... 41
Ownership/Control..... Private, For Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 28
Percent of Physicians Board Certified Specialists..... 86
Medical Residents/Interns..... 0
Registered Nurses..... 23
Licensed Practical Nurses..... 8

SPECIALTY SERVICES:

Burn Unit..... No
Cardiac Intensive Care..... No
Comprehensive Geriatric..... No
Hospice Care..... No
Medical/Surgical Intensive Care..... Yes
Organ/Tissue Transplant..... No
Other Intensive Care..... No
Rehabilitation Unit..... No
Trauma Center..... No

** Not used in calculating hospital mortality rates.

CHARTER COMMUNITY HOSPITAL DES MOINES

Medicare Provider Number: 160133

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	157	14.6	9.2	3.3	21.7	14.2	4.2	22.3	18.1	3.7
CONDITIONS:										
Acute Myocardial Infarction.....	3	0.0	25.0	*	0.0	28.3	*	0.0	31.5	*
Congestive Heart Failure.....	7	28.6	14.4	*	28.6	22.1	*	28.6	28.4	*
Pneumonia/Influenza.....	17	41.2	13.8	*	52.9	18.7	*	52.9	22.7	*
Chronic Obstructive Pulmonary Disease.....	6	0.0	8.8	*	16.7	15.6	*	16.7	21.3	*
Transient Cerebral Ischemia.....	1	0.0	1.2	*	0.0	2.6	*	0.0	4.1	*
Stroke.....	8	25.0	18.1	*	25.0	23.8	*	25.0	28.1	*
Hip Fracture.....	11	9.1	4.7	*	18.2	8.9	*	18.2	11.7	*
Sepsis.....	1	100.0	44.2	*	100.0	56.4	*	100.0	62.3	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	1	0.0	3.9	*	0.0	8.3	*	0.0	11.3	*
Open Reduction of Hip Fracture.....	4	25.0	4.6	*	25.0	9.1	*	25.0	12.4	*
Prostatectomy.....	1	0.0	0.9	*	0.0	2.1	*	0.0	3.4	*
Cholecystectomy.....	4	0.0	5.6	*	0.0	8.6	*	0.0	9.8	*
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	333	8.4	8.8	2.5	13.2	13.3	2.2	16.5	17.0	2.1
CONDITIONS:										
Acute Myocardial Infarction.....	5	60.0	32.7	*	60.0	37.1	*	60.0	41.6	*
Congestive Heart Failure.....	16	6.3	14.5	*	25.0	21.8	*	25.0	28.0	*
Pneumonia/Influenza.....	29	6.9	13.7	*	13.8	18.9	*	17.2	23.1	*
Chronic Obstructive Pulmonary Disease.....	7	28.6	7.4	*	28.6	12.3	*	28.6	16.2	*
Transient Cerebral Ischemia.....	6	0.0	1.8	*	0.0	4.1	*	0.0	6.4	*
Stroke.....	9	22.2	20.5	*	33.3	27.3	*	33.3	32.0	*
Hip Fracture.....	20	5.0	5.5	*	15.0	10.2	*	15.0	13.4	*
Sepsis.....	6	16.7	41.7	*	16.7	47.4	*	33.3	53.7	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	2	0.0	3.3	*	0.0	6.4	*	0.0	9.5	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	3	0.0	4.3	*	0.0	8.6	*	0.0	11.9	*
Open Reduction of Hip Fracture.....	9	0.0	4.9	*	22.2	9.5	*	22.2	12.8	*
Prostatectomy.....	13	0.0	1.0	*	0.0	2.4	*	7.7	4.1	*
Cholecystectomy.....	2	50.0	5.5	*	50.0	6.8	*	50.0	8.0	*
Hysterectomy.....	1	0.0	0.3	*	0.0	0.5	*	0.0	0.8	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

CLARKE COUNTY PUBLIC HOSPITAL

800 S Fillmore St
Osceola, IA 50213

Medicare Provider Number: 160049

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	206	8.7	6.9	2.0	13.1	10.4	2.5	18.9	13.6	3.8
CONDITIONS:										
Acute Myocardial Infarction.....	7	28.6	28.4	*	57.1	31.9	*	57.1	36.4	*
Congestive Heart Failure.....	6	0.0	11.5	*	16.7	19.0	*	16.7	25.2	*
Pneumonia/Influenza.....	17	17.6	13.9	*	23.5	19.8	*	35.3	24.2	*
Chronic Obstructive Pulmonary Disease.....	5	0.0	5.3	*	0.0	9.2	*	0.0	12.9	*
Transient Cerebral Ischemia.....	6	16.7	2.3	*	16.7	5.5	*	16.7	9.0	*
Stroke.....	12	8.3	17.5	*	8.3	24.5	*	25.0	29.1	*
Hip Fracture.....	0									
Sepsis.....	2	50.0	17.8	*	50.0	23.7	*	50.0	30.4	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	2	0.0	0.8	*	0.0	1.4	*	0.0	2.1	*
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 48
Occupancy Rate..... 75
Ownership/Control..... Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 5
Percent of Physicians Board Certified Specialists..... 60
Medical Residents/Interns..... 0
Registered Nurses..... 12
Licensed Practical Nurses..... 6

SPECIALTY SERVICES:

Burn Unit..... No
Cardiac Intensive Care..... No
Comprehensive Geriatric..... No
Hospice Care..... No
Medical/Surgical Intensive Care..... Yes
Organ/Tissue Transplant..... No
Other Intensive Care..... No
Rehabilitation Unit..... No
Trauma Center..... No

** Not used in calculating hospital mortality rates.

CLARKE COUNTY PUBLIC HOSPITAL

Medicare Provider Number: 160049

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	146	15.1	10.1	3.7	19.9	14.7	3.9	24.0	18.6	4.1
CONDITIONS:										
Acute Myocardial Infarction.....	9	44.4	34.2	*	55.6	38.1	*	55.6	42.9	*
Congestive Heart Failure.....	9	44.4	11.4	*	44.4	18.2	*	44.4	24.1	*
Pneumonia/Influenza.....	10	30.0	20.0	*	30.0	28.7	*	30.0	35.1	*
Chronic Obstructive Pulmonary Disease.....	5	20.0	5.6	*	20.0	9.7	*	20.0	13.5	*
Transient Cerebral Ischemia.....	2	0.0	1.1	*	0.0	2.1	*	0.0	3.1	*
Stroke.....	10	50.0	24.3	*	50.0	31.9	*	50.0	37.6	*
Hip Fracture.....	0									
Sepsis.....	1	0.0	34.4	*	0.0	38.3	*	100.0	43.2	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	1	0.0	0.5	*	0.0	0.9	*	0.0	1.3	*
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	123	14.6	12.8	3.4	18.7	17.1	3.7	25.2	20.8	5.5
CONDITIONS:										
Acute Myocardial Infarction.....	6	50.0	43.2	*	50.0	47.2	*	50.0	51.7	*
Congestive Heart Failure.....	7	14.3	13.8	*	28.6	20.9	*	28.6	27.2	*
Pneumonia/Influenza.....	12	25.0	15.4	*	25.0	20.7	*	25.0	25.4	*
Chronic Obstructive Pulmonary Disease.....	3	0.0	14.9	*	0.0	22.3	*	33.3	27.5	*
Transient Cerebral Ischemia.....	3	0.0	1.8	*	0.0	4.1	*	0.0	6.5	*
Stroke.....	11	36.4	22.6	*	36.4	30.1	*	54.5	35.6	*
Hip Fracture.....	0									
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	2	0.0	0.9	*	0.0	1.6	*	0.0	2.1	*
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

COMMUNITY HOSPITAL AND HEALTH CENTER

605 S Main St
Sioux Center, IA 51250

Medicare Provider Number: 160109

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	121	9.9	6.7	4.5	13.2	10.7	6.0	17.4	13.9	5.9
CONDITIONS:										
Acute Myocardial Infarction.....	2	100.0	29.1	*	100.0	31.6	*	100.0	34.7	*
Congestive Heart Failure.....	12	16.7	13.7	*	25.0	22.6	*	33.3	29.6	*
Pneumonia/Influenza.....	7	42.9	14.4	*	42.9	22.0	*	42.9	27.6	*
Chronic Obstructive Pulmonary Disease.....	3	0.0	2.2	*	0.0	4.1	*	0.0	5.8	*
Transient Cerebral Ischemia.....	0									
Stroke.....	4	50.0	18.5	*	50.0	25.4	*	50.0	30.1	*
Hip Fracture.....	0									
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	2	0.0	0.5	*	0.0	1.3	*	50.0	2.2	*
Cholecystectomy.....	4	0.0	0.6	*	0.0	1.1	*	0.0	1.4	*
Hysterectomy.....	1	0.0	0.0	*	0.0	0.0	*	0.0	0.1	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 90
Occupancy Rate..... 89
Ownership/Control..... Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 34
Percent of Physicians Board Certified Specialists..... (Not Available)
Medical Residents/Interns..... (Not Available)
Registered Nurses..... (Not Available)
Licensed Practical Nurses..... (Not Available)

SPECIALTY SERVICES:

Burn Unit..... No
Cardiac Intensive Care..... No
Comprehensive Geriatric..... No
Hospice Care..... Yes
Medical/Surgical Intensive Care..... Yes
Organ/Tissue Transplant..... No
Other Intensive Care..... No
Rehabilitation Unit..... No
Trauma Center..... No

** Not used in calculating hospital mortality rates.

COMMUNITY HOSPITAL AND HEALTH CENTER

Medicare Provider Number: 160109

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	109	12.8	5.2	3.2	14.7	8.3	3.3	15.6	10.8	3.4
CONDITIONS:										
Acute Myocardial Infarction.....	5	40.0	14.9	*	40.0	17.9	*	40.0	21.3	*
Congestive Heart Failure.....	3	100.0	11.4	*	100.0	18.8	*	100.0	25.5	*
Pneumonia/Influenza.....	5	0.0	11.4	*	0.0	16.1	*	0.0	20.1	*
Chronic Obstructive Pulmonary Disease.....	0									
Transient Cerebral Ischemia.....	0									
Stroke.....	3	66.7	19.9	*	66.7	26.6	*	66.7	31.8	*
Hip Fracture.....	0									
Sepsis.....	1	0.0	11.5	*	0.0	17.8	*	0.0	22.2	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	8	0.0	0.3	*	0.0	0.8	*	0.0	1.4	*
Cholecystectomy.....	6	0.0	0.6	*	0.0	1.1	*	0.0	1.5	*
Hysterectomy.....	4	0.0	0.2	*	0.0	0.4	*	0.0	0.5	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	129	7.0	6.6	2.3	10.1	10.6	3.1	15.5	13.7	3.2
CONDITIONS:										
Acute Myocardial Infarction.....	5	40.0	27.9	*	40.0	33.2	*	60.0	38.3	*
Congestive Heart Failure.....	3	33.3	8.3	*	33.3	14.0	*	33.3	19.2	*
Pneumonia/Influenza.....	9	22.2	16.6	*	22.2	24.0	*	44.4	29.5	*
Chronic Obstructive Pulmonary Disease.....	0									
Transient Cerebral Ischemia.....	0									
Stroke.....	8	12.5	17.9	*	12.5	24.8	*	12.5	29.8	*
Hip Fracture.....	0									
Sepsis.....	1	0.0	20.2	*	0.0	28.5	*	0.0	33.4	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	18	0.0	0.4	*	0.0	1.0	*	0.0	1.6	*
Cholecystectomy.....	12	0.0	1.1	*	0.0	2.1	*	0.0	2.8	*
Hysterectomy.....	3	0.0	0.1	*	0.0	0.2	*	0.0	0.3	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

COMMUNITY MEMORIAL HOSPITAL

1316 S Main
Clarion, IA 50525

Medicare Provider Number: 160046

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	109	12.8	9.4	5.4	18.3	14.3	5.3	21.1	18.3	4.7
CONDITIONS:										
Acute Myocardial Infarction.....	5	0.0	23.3	*	0.0	26.9	*	0.0	30.6	*
Congestive Heart Failure.....	10	10.0	15.6	*	30.0	24.5	*	50.0	31.6	*
Pneumonia/Influenza.....	8	12.5	19.8	*	12.5	26.5	*	12.5	31.7	*
Chronic Obstructive Pulmonary Disease.....	1	0.0	3.5	*	0.0	6.3	*	0.0	9.2	*
Transient Cerebral Ischemia.....	1	0.0	1.9	*	0.0	4.4	*	0.0	7.3	*
Stroke.....	3	66.7	30.4	*	100.0	36.5	*	100.0	41.3	*
Hip Fracture.....	2	50.0	7.5	*	50.0	13.5	*	50.0	17.3	*
Sepsis.....	1	0.0	5.9	*	0.0	9.0	*	0.0	11.3	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	3	0.0	1.4	*	0.0	2.3	*	0.0	2.9	*
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 33
Occupancy Rate..... 46
Ownership/Control..... Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 7
Percent of Physicians Board Certified Specialists..... 43
Medical Residents/Interns..... 0
Registered Nurses..... 19
Licensed Practical Nurses..... 2

SPECIALTY SERVICES:

Burn Unit..... No
Cardiac Intensive Care..... No
Comprehensive Geriatric..... No
Hospice Care..... No
Medical/Surgical Intensive Care..... No
Organ/Tissue Transplant..... No
Other Intensive Care..... No
Rehabilitation Unit..... No
Trauma Center..... No

** Not used in calculating hospital mortality rates.

COMMUNITY MEMORIAL HOSPITAL

Medicare Provider Number: 160046

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	115	19.1	11.9	4.0	21.7	17.6	4.1	26.1	22.0	4.5
CONDITIONS:										
Acute Myocardial Infarction.....	5	40.0	31.9	*	40.0	39.0	*	40.0	45.1	*
Congestive Heart Failure.....	10	30.0	20.3	*	40.0	31.7	*	50.0	40.3	*
Pneumonia/Influenza.....	21	38.1	17.7	*	38.1	24.2	*	42.9	29.3	*
Chronic Obstructive Pulmonary Disease.....	0									
Transient Cerebral Ischemia.....	0									
Stroke.....	4	25.0	22.1	*	25.0	28.8	*	50.0	33.8	*
Hip Fracture.....	6	0.0	5.8	*	0.0	10.3	*	16.7	13.1	*
Sepsis.....	2	50.0	44.6	*	50.0	51.6	*	50.0	57.9	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	2	0.0	1.0	*	0.0	1.7	*	0.0	2.3	*
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	135	8.1	9.4	2.8	11.9	14.4	4.3	12.6	18.6	5.1
CONDITIONS:										
Acute Myocardial Infarction.....	4	0.0	36.5	*	0.0	40.2	*	0.0	45.0	*
Congestive Heart Failure.....	9	11.1	20.3	*	22.2	31.4	*	33.3	39.9	*
Pneumonia/Influenza.....	9	22.2	13.2	*	22.2	18.5	*	22.2	23.0	*
Chronic Obstructive Pulmonary Disease.....	10	0.0	6.6	*	10.0	11.1	*	10.0	15.0	*
Transient Cerebral Ischemia.....	1	0.0	1.2	*	0.0	2.6	*	0.0	4.1	*
Stroke.....	4	25.0	19.3	*	25.0	24.8	*	25.0	29.7	*
Hip Fracture.....	3	0.0	9.4	*	0.0	17.5	*	0.0	22.6	*
Sepsis.....	2	0.0	35.1	*	0.0	40.5	*	0.0	46.6	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

COMMUNITY MEMORIAL HOSPITAL

631 N 8th St
Missouri Valley, IA 51555

Medicare Provider Number: 160065

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	338	8.6	9.0	1.7	12.7	13.6	2.1	16.9	17.4	2.2
CONDITIONS:										
Acute Myocardial Infarction.....	16	12.5	33.5	*	18.8	37.4	*	25.0	41.5	*
Congestive Heart Failure.....	12	8.3	19.3	*	25.0	30.0	*	33.3	38.2	*
Pneumonia/Influenza.....	39	20.5	15.1	*	28.2	20.6	*	33.3	25.1	*
Chronic Obstructive Pulmonary Disease.....	1	0.0	3.3	*	0.0	5.9	*	0.0	8.5	*
Transient Cerebral Ischemia.....	12	0.0	1.9	*	0.0	4.1	*	0.0	6.5	*
Stroke.....	12	33.3	18.7	*	33.3	25.4	*	41.7	29.8	*
Hip Fracture.....	2	0.0	8.5	*	0.0	15.0	*	0.0	18.9	*
Sepsis.....	4	50.0	31.0	*	50.0	38.6	*	50.0	45.2	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	2	0.0	7.4	*	0.0	13.8	*	0.0	17.7	*
Prostatectomy.....	16	0.0	0.7	*	0.0	1.7	*	0.0	2.9	*
Cholecystectomy.....	6	0.0	2.8	*	0.0	5.9	*	0.0	8.7	*
Hysterectomy.....	2	0.0	0.1	*	0.0	0.1	*	0.0	0.2	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 36
Occupancy Rate..... 36
Ownership/Control..... Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 6
Percent of Physicians Board Certified Specialists..... 50
Medical Residents/Interns..... 0
Registered Nurses..... 15
Licensed Practical Nurses..... 4

SPECIALTY SERVICES:

Burn Unit..... No
Cardiac Intensive Care..... No
Comprehensive Geriatric..... No
Hospice Care..... No
Medical/Surgical Intensive Care..... No
Organ/Tissue Transplant..... No
Other Intensive Care..... No
Rehabilitation Unit..... No
Trauma Center..... No

** Not used in calculating hospital mortality rates.

COMMUNITY MEMORIAL HOSPITAL

Medicare Provider Number: 160065

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	329	8.5	9.3	1.8	13.4	14.3	2.1	18.2	18.4	2.3
CONDITIONS:										
Acute Myocardial Infarction.....	4	25.0	24.6	*	25.0	27.2	*	25.0	30.2	*
Congestive Heart Failure.....	16	18.8	19.2	*	18.8	28.7	*	18.8	36.0	*
Pneumonia/Influenza.....	32	9.4	17.1	*	18.8	22.9	*	25.0	27.7	*
Chronic Obstructive Pulmonary Disease.....	7	42.9	11.9	*	57.1	22.9	*	71.4	32.5	*
Transient Cerebral Ischemia.....	8	0.0	2.1	*	0.0	4.4	*	0.0	6.8	*
Stroke.....	11	27.3	24.2	*	27.3	31.9	*	36.4	37.3	*
Hip Fracture.....	0									
Sepsis.....	9	11.1	21.0	*	33.3	29.0	*	33.3	35.8	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	10	0.0	0.8	*	0.0	2.0	*	0.0	3.4	*
Cholecystectomy.....	0									
Hysterectomy.....	2	0.0	0.2	*	0.0	0.4	*	0.0	0.6	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	301	14.3	10.6	2.6	17.9	15.9	2.4	20.3	20.0	2.4
CONDITIONS:										
Acute Myocardial Infarction.....	7	42.9	39.7	*	42.9	42.8	*	42.9	46.3	*
Congestive Heart Failure.....	14	7.1	17.0	*	7.1	24.5	*	14.3	31.0	*
Pneumonia/Influenza.....	22	31.8	19.7	*	45.5	26.7	*	50.0	32.3	*
Chronic Obstructive Pulmonary Disease.....	7	14.3	8.3	*	42.9	13.5	*	42.9	17.8	*
Transient Cerebral Ischemia.....	10	0.0	1.9	*	0.0	4.4	*	10.0	7.1	*
Stroke.....	12	16.7	26.6	*	25.0	34.0	*	25.0	39.3	*
Hip Fracture.....	6	33.3	7.9	*	33.3	13.6	*	33.3	17.1	*
Sepsis.....	4	0.0	14.4	*	0.0	18.8	*	0.0	23.0	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	2	50.0	9.7	*	50.0	17.4	*	50.0	21.7	*
Open Reduction of Hip Fracture.....	2	0.0	3.4	*	0.0	6.6	*	0.0	9.0	*
Prostatectomy.....	12	0.0	1.3	*	16.7	3.0	*	25.0	4.8	*
Cholecystectomy.....	5	0.0	1.7	*	0.0	2.8	*	0.0	3.7	*
Hysterectomy.....	1	0.0	0.6	*	0.0	1.0	*	0.0	1.3	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

COMMUNITY MEMORIAL HOSPITAL

Eighth Avenue West Box 188

Hartley, IA 51346

Medicare Provider Number: 160071

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	64	14.1	8.9	5.6	14.1	13.4	5.3	17.2	16.6	5.2
CONDITIONS:										
Acute Myocardial Infarction.....	3	100.0	21.1	*	100.0	23.7	*	100.0	26.5	*
Congestive Heart Failure.....	6	16.7	12.0	*	16.7	19.5	*	33.3	25.5	*
Pneumonia/Influenza.....	6	0.0	10.9	*	0.0	15.6	*	0.0	19.3	*
Chronic Obstructive Pulmonary Disease.....	0									
Transient Cerebral Ischemia.....	0									
Stroke.....	2	50.0	13.3	*	50.0	20.6	*	50.0	25.0	*
Hip Fracture.....	0									
Sepsis.....	3	0.0	12.4	*	0.0	16.6	*	0.0	21.3	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	4	0.0	0.2	*	0.0	0.6	*	0.0	1.1	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 63
 Occupancy Rate..... 84
 Ownership/Control..... Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 3
 Percent of Physicians Board Certified Specialists..... 67
 Medical Residents/Interns..... 0
 Registered Nurses..... 10
 Licensed Practical Nurses..... 1

SPECIALTY SERVICES:

Burn Unit..... No
 Cardiac Intensive Care..... No
 Comprehensive Geriatric..... Yes
 Hospice Care..... No
 Medical/Surgical Intensive Care..... Yes
 Organ/Tissue Transplant..... No
 Other Intensive Care..... No
 Rehabilitation Unit..... No
 Trauma Center..... No

** Not used in calculating hospital mortality rates.

COMMUNITY MEMORIAL HOSPITAL

Medicare Provider Number: 160071

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	95	12.6	8.5	4.9	20.0	13.3	4.5	20.0	17.1	4.1
CONDITIONS:										
Acute Myocardial Infarction.....	1	100.0	18.5	*	100.0	20.0	*	100.0	21.9	*
Congestive Heart Failure.....	12	16.7	16.4	*	33.3	26.2	*	33.3	34.0	*
Pneumonia/Influenza.....	10	30.0	14.8	*	40.0	20.9	*	40.0	25.5	*
Chronic Obstructive Pulmonary Disease.....	1	0.0	5.0	*	0.0	10.2	*	0.0	15.0	*
Transient Cerebral Ischemia.....	0									
Stroke.....	2	0.0	7.7	*	0.0	12.0	*	0.0	15.2	*
Hip Fracture.....	0									
Sepsis.....	5	20.0	22.4	*	20.0	28.0	*	20.0	33.7	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	3	0.0	0.9	*	0.0	1.9	*	0.0	2.5	*
Hysterectomy.....	2	0.0	0.8	*	0.0	1.9	*	0.0	3.2	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	91	15.4	7.6	4.5	20.9	12.2	5.5	24.2	15.8	5.8
CONDITIONS:										
Acute Myocardial Infarction.....	3	100.0	24.0	*	100.0	26.9	*	100.0	29.9	*
Congestive Heart Failure.....	7	14.3	14.9	*	42.9	23.9	*	42.9	31.3	*
Pneumonia/Influenza.....	3	0.0	10.1	*	0.0	14.6	*	33.3	18.3	*
Chronic Obstructive Pulmonary Disease.....	2	0.0	10.1	*	0.0	17.5	*	0.0	22.5	*
Transient Cerebral Ischemia.....	1	0.0	1.0	*	0.0	1.8	*	0.0	2.7	*
Stroke.....	2	50.0	15.3	*	50.0	21.6	*	50.0	26.0	*
Hip Fracture.....	0									
Sepsis.....	3	33.3	12.3	*	33.3	18.7	*	33.3	23.2	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	4	0.0	1.1	*	0.0	1.9	*	0.0	2.3	*
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

COMMUNITY MEMORIAL HOSPITAL

Oak Park and Hospital Rd
Postville, IA 52162

Medicare Provider Number: 160132

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	67	17.9	11.8	4.9	22.4	16.1	6.3	29.9	19.7	7.2
CONDITIONS:										
Acute Myocardial Infarction.....	6	50.0	34.7	*	50.0	40.9	*	66.7	46.3	*
Congestive Heart Failure.....	2	50.0	16.1	*	100.0	25.7	*	100.0	32.4	*
Pneumonia/Influenza.....	4	25.0	18.5	*	25.0	24.5	*	50.0	29.2	*
Chronic Obstructive Pulmonary Disease.....	0									
Transient Cerebral Ischemia.....	2	0.0	2.4	*	0.0	5.7	*	0.0	9.3	*
Stroke.....	9	33.3	21.0	*	33.3	27.7	*	44.4	32.3	*
Hip Fracture.....	3	0.0	7.5	*	0.0	13.3	*	33.3	16.9	*
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	3	0.0	7.1	*	0.0	13.0	*	33.3	16.7	*
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	2	0.0	0.6	*	0.0	1.4	*	0.0	2.3	*
Cholecystectomy.....	1	0.0	0.5	*	0.0	0.9	*	0.0	1.3	*
Hysterectomy.....	1	0.0	0.1	*	0.0	0.1	*	0.0	0.2	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 26
Occupancy Rate..... 50
Ownership/Control..... Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 11
Percent of Physicians Board Certified Specialists..... 82
Medical Residents/Interns..... 0
Registered Nurses..... 12
Licensed Practical Nurses..... 3

SPECIALTY SERVICES:

Burn Unit..... No
Cardiac Intensive Care..... No
Comprehensive Geriatric..... Yes
Hospice Care..... Yes
Medical/Surgical Intensive Care..... No
Organ/Tissue Transplant..... No
Other Intensive Care..... No
Rehabilitation Unit..... No
Trauma Center..... No

** Not used in calculating hospital mortality rates.

COMMUNITY MEMORIAL HOSPITAL

Medicare Provider Number: 160132

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	64	17.2	11.3	7.0	21.9	16.4	7.5	23.4	20.4	6.9
CONDITIONS:										
Acute Myocardial Infarction.....	1	0.0	37.8	*	0.0	40.8	*	0.0	44.9	*
Congestive Heart Failure.....	8	62.5	29.3	*	75.0	38.3	*	75.0	46.1	*
Pneumonia/Influenza.....	4	25.0	11.4	*	50.0	16.3	*	50.0	20.2	*
Chronic Obstructive Pulmonary Disease.....	2	0.0	4.5	*	0.0	9.2	*	0.0	14.4	*
Transient Cerebral Ischemia.....	3	0.0	1.7	*	0.0	3.8	*	0.0	6.0	*
Stroke.....	2	0.0	12.6	*	0.0	17.3	*	0.0	20.9	*
Hip Fracture.....	5	0.0	7.8	*	0.0	14.6	*	20.0	19.2	*
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	2	0.0	3.3	*	0.0	7.0	*	0.0	9.8	*
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	4	0.0	1.1	*	0.0	2.9	*	0.0	5.1	*
Cholecystectomy.....	2	0.0	2.7	*	0.0	5.3	*	0.0	6.9	*
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	75	17.3	10.7	5.6	25.3	16.4	6.7	30.7	20.8	6.9
CONDITIONS:										
Acute Myocardial Infarction.....	2	100.0	46.2	*	100.0	50.9	*	100.0	56.8	*
Congestive Heart Failure.....	3	0.0	15.1	*	33.3	23.6	*	33.3	30.7	*
Pneumonia/Influenza.....	2	50.0	26.2	*	100.0	34.6	*	100.0	40.7	*
Chronic Obstructive Pulmonary Disease.....	2	0.0	5.6	*	0.0	9.4	*	0.0	13.3	*
Transient Cerebral Ischemia.....	0									
Stroke.....	9	44.4	24.4	*	55.6	34.0	*	55.6	39.8	*
Hip Fracture.....	4	0.0	6.6	*	0.0	12.8	*	50.0	17.3	*
Sepsis.....	1	0.0	37.3	*	0.0	49.1	*	0.0	59.4	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	3	0.0	5.8	*	0.0	11.1	*	33.3	14.5	*
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	2	0.0	0.4	*	0.0	0.8	*	0.0	1.4	*
Cholecystectomy.....	2	0.0	0.9	*	0.0	1.5	*	0.0	2.0	*
Hysterectomy.....	1	0.0	0.1	*	0.0	0.2	*	0.0	0.3	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

COMMUNITY MEMORIAL HOSPITAL

909 W 1st St
Sumner, IA 50674

Medicare Provider Number: 160138

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	102	8.8	8.2	2.8	11.8	12.0	3.4	11.8	15.2	4.9
CONDITIONS:										
Acute Myocardial Infarction.....	2	50.0	36.2	*	50.0	39.4	*	50.0	43.1	*
Congestive Heart Failure.....	6	16.7	17.6	*	33.3	27.1	*	33.3	34.7	*
Pneumonia/Influenza.....	22	9.1	14.5	*	9.1	19.6	*	9.1	23.3	*
Chronic Obstructive Pulmonary Disease.....	2	0.0	4.6	*	0.0	9.4	*	0.0	13.7	*
Transient Cerebral Ischemia.....	0									
Stroke.....	2	0.0	17.1	*	0.0	22.4	*	0.0	26.7	*
Hip Fracture.....	1	0.0	2.0	*	0.0	4.1	*	0.0	5.8	*
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	1	0.0	1.7	*	0.0	3.7	*	0.0	5.4	*
Prostatectomy.....	1	0.0	0.5	*	0.0	1.2	*	0.0	2.0	*
Cholecystectomy.....	4	0.0	1.1	*	0.0	1.8	*	0.0	2.3	*
Hysterectomy.....	1	0.0	0.4	*	0.0	0.7	*	0.0	1.0	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 29
Occupancy Rate..... 17
Ownership/Control..... Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 14
Percent of Physicians Board Certified Specialists..... 50
Medical Residents/Interns..... 0
Registered Nurses..... 14
Licensed Practical Nurses..... 2

SPECIALTY SERVICES:

Burn Unit..... No
Cardiac Intensive Care..... No
Comprehensive Geriatric..... No
Hospice Care..... No
Medical/Surgical Intensive Care..... No
Organ/Tissue Transplant..... No
Other Intensive Care..... No
Rehabilitation Unit..... No
Trauma Center..... No

** Not used in calculating hospital mortality rates.

COMMUNITY MEMORIAL HOSPITAL

Medicare Provider Number: 160138

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	118	12.7	10.4	4.0	16.1	15.2	4.2	20.3	18.9	4.4
CONDITIONS:										
Acute Myocardial Infarction.....	4	50.0	36.8	*	50.0	40.5	*	50.0	44.7	*
Congestive Heart Failure.....	10	30.0	18.8	*	40.0	29.2	*	40.0	37.2	*
Pneumonia/Influenza.....	13	0.0	13.6	*	0.0	18.7	*	7.7	22.7	*
Chronic Obstructive Pulmonary Disease.....	2	0.0	13.4	*	0.0	21.2	*	0.0	27.2	*
Transient Cerebral Ischemia.....	1	0.0	1.4	*	0.0	2.9	*	0.0	4.5	*
Stroke.....	5	60.0	21.8	*	60.0	28.2	*	60.0	33.0	*
Hip Fracture.....	1	0.0	4.3	*	0.0	7.9	*	0.0	10.3	*
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	1	0.0	3.7	*	0.0	7.1	*	0.0	9.5	*
Prostatectomy.....	1	0.0	0.2	*	0.0	0.5	*	0.0	0.9	*
Cholecystectomy.....	9	0.0	1.5	*	11.1	3.0	*	11.1	4.2	*
Hysterectomy.....	2	0.0	0.8	*	0.0	2.0	*	50.0	3.2	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	136	14.0	10.0	3.5	20.6	14.4	4.4	25.0	18.0	5.3
CONDITIONS:										
Acute Myocardial Infarction.....	4	25.0	38.1	*	50.0	42.2	*	50.0	46.6	*
Congestive Heart Failure.....	7	28.6	15.9	*	42.9	24.0	*	57.1	31.0	*
Pneumonia/Influenza.....	20	10.0	16.0	*	15.0	21.4	*	20.0	25.9	*
Chronic Obstructive Pulmonary Disease.....	3	33.3	11.6	*	33.3	17.7	*	66.7	22.4	*
Transient Cerebral Ischemia.....	0									
Stroke.....	3	66.7	36.7	*	66.7	46.7	*	66.7	52.7	*
Hip Fracture.....	1	0.0	4.9	*	0.0	9.1	*	0.0	12.1	*
Sepsis.....	1	0.0	16.7	*	100.0	22.7	*	100.0	27.8	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	1	0.0	4.2	*	0.0	8.3	*	0.0	11.2	*
Prostatectomy.....	4	0.0	0.3	*	0.0	0.7	*	25.0	1.2	*
Cholecystectomy.....	1	0.0	0.6	*	0.0	1.1	*	0.0	1.5	*
Hysterectomy.....	1	0.0	0.1	*	0.0	0.3	*	0.0	0.5	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

COVENANT MEDICAL CENTER

3421 West Ninth St/2101 Kimball Ave
Waterloo, IA 50702

Medicare Provider Number: 160067

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	1,262	8.0	8.7	1.0	14.3	13.0	1.3	16.8	16.5	1.1
CONDITIONS:										
Acute Myocardial Infarction.....	39	25.6	25.2	*	33.3	28.9	*	33.3	32.7	*
Congestive Heart Failure.....	57	7.0	15.5	6.4	22.8	23.6	5.7	31.6	30.6	6.3
Pneumonia/Influenza.....	52	13.5	15.5	5.3	21.2	21.2	5.9	23.1	25.9	7.8
Chronic Obstructive Pulmonary Disease.....	21	9.5	4.9	*	9.5	9.4	*	9.5	13.5	*
Transient Cerebral Ischemia.....	24	0.0	1.8	*	4.2	4.0	*	4.2	6.4	*
Stroke.....	46	23.9	18.8	*	37.0	24.6	*	39.1	29.2	*
Hip Fracture.....	43	4.7	5.7	*	9.3	10.6	*	14.0	14.0	*
Sepsis.....	21	23.8	24.2	*	23.8	32.0	*	23.8	38.5	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	12	16.7	3.7	*	25.0	6.3	*	25.0	8.8	*
Carotid Endarterectomy.....	1	0.0	1.7	*	0.0	3.9	*	0.0	5.5	*
Hip Replacement/Reconstruction.....	21	0.0	2.9	*	4.8	5.8	*	4.8	7.9	*
Open Reduction of Hip Fracture.....	17	5.9	6.2	*	11.8	11.5	*	17.6	15.2	*
Prostatectomy.....	41	2.4	0.7	*	4.9	1.7	*	4.9	3.0	*
Cholecystectomy.....	22	4.5	3.0	*	9.1	5.6	*	9.1	7.4	*
Hysterectomy.....	17	0.0	0.3	*	0.0	0.6	*	0.0	0.9	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 398
Occupancy Rate..... 62
Ownership/Control..... Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 170
Percent of Physicians Board Certified Specialists..... 68
Medical Residents/Interns..... 0
Registered Nurses..... 273
Licensed Practical Nurses..... 85

SPECIALTY SERVICES:

Burn Unit..... No
Cardiac Intensive Care..... No
Comprehensive Geriatric..... No
Hospice Care..... Yes
Medical/Surgical Intensive Care..... Yes
Organ/Tissue Transplant..... No
Other Intensive Care..... Yes
Rehabilitation Unit..... Yes
Trauma Center..... Yes

** Not used in calculating hospital mortality rates.

COVENANT MEDICAL CENTER

Medicare Provider Number: 160067

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	974	8.6	9.5	1.5	13.7	14.4	1.5	17.7	18.3	1.7
CONDITIONS:										
Acute Myocardial Infarction.....	34	26.5	29.5	*	35.3	33.6	*	35.3	37.7	*
Congestive Heart Failure.....	42	11.9	16.8	*	23.8	25.1	*	26.2	32.2	*
Pneumonia/Influenza.....	36	25.0	17.4	*	36.1	23.4	*	41.7	28.1	*
Chronic Obstructive Pulmonary Disease.....	14	7.1	6.2	*	14.3	10.3	*	14.3	14.1	*
Transient Cerebral Ischemia.....	16	0.0	2.0	*	0.0	4.3	*	6.3	6.7	*
Stroke.....	34	11.8	19.6	*	11.8	24.8	*	17.6	29.0	*
Hip Fracture.....	31	0.0	5.8	*	9.7	10.8	*	12.9	14.3	*
Sepsis.....	11	9.1	25.3	*	9.1	33.2	*	18.2	39.1	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	5	40.0	4.7	*	40.0	8.1	*	40.0	10.6	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	23	0.0	3.6	*	4.3	7.6	*	8.7	10.8	*
Open Reduction of Hip Fracture.....	5	0.0	6.8	*	20.0	12.9	*	20.0	16.8	*
Prostatectomy.....	33	3.0	0.8	*	6.1	1.9	*	9.1	3.3	*
Cholecystectomy.....	10	0.0	1.1	*	0.0	2.0	*	0.0	2.6	*
Hysterectomy.....	11	0.0	0.3	*	0.0	0.5	*	0.0	0.7	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	1,125	8.8	9.5	1.6	13.3	14.3	1.9	17.0	18.2	2.2
CONDITIONS:										
Acute Myocardial Infarction.....	36	25.0	24.9	*	30.6	28.5	*	30.6	31.9	*
Congestive Heart Failure.....	58	13.8	17.5	6.7	17.2	25.6	8.9	22.4	32.4	10.8
Pneumonia/Influenza.....	49	12.2	22.8	*	16.3	30.7	*	30.6	36.5	*
Chronic Obstructive Pulmonary Disease.....	11	0.0	8.9	*	0.0	14.4	*	9.1	18.7	*
Transient Cerebral Ischemia.....	17	0.0	2.4	*	0.0	5.4	*	5.9	8.7	*
Stroke.....	37	29.7	23.2	*	37.8	29.4	*	40.5	34.3	*
Hip Fracture.....	43	7.0	7.4	*	14.0	14.0	*	16.3	18.3	*
Sepsis.....	6	0.0	24.0	*	33.3	34.3	*	33.3	40.7	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	4	0.0	1.8	*	25.0	4.3	*	25.0	7.0	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	29	3.4	3.3	*	6.9	6.5	*	10.3	8.9	*
Open Reduction of Hip Fracture.....	4	0.0	5.9	*	0.0	11.1	*	0.0	14.6	*
Prostatectomy.....	44	0.0	0.7	*	2.3	1.8	*	2.3	3.1	*
Cholecystectomy.....	25	0.0	3.8	*	0.0	7.3	*	4.0	10.0	*
Hysterectomy.....	18	0.0	0.7	*	0.0	1.6	*	0.0	2.5	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

COVENANT MEDICAL CENTER-SCHOITZ

Ridgeway & Kimball Aves
Waterloo, IA 50702

Medicare Provider Number: 160038

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	1,173	9.3	8.6	1.2	14.7	13.3	1.4	17.4	17.1	1.1
CONDITIONS:										
Acute Myocardial Infarction.....	26	19.2	31.7	*	19.2	34.7	*	23.1	38.3	*
Congestive Heart Failure.....	53	18.9	14.8	6.2	28.3	22.7	8.4	32.1	29.5	7.2
Pneumonia/Influenza.....	49	10.2	12.8	*	16.3	17.7	*	20.4	21.9	*
Chronic Obstructive Pulmonary Disease.....	36	2.8	5.2	*	5.6	9.9	*	11.1	14.2	*
Transient Cerebral Ischemia.....	27	0.0	1.8	*	0.0	4.2	*	0.0	6.9	*
Stroke.....	55	18.2	19.7	5.7	25.5	25.8	5.9	25.5	30.6	8.1
Hip Fracture.....	41	9.8	5.9	*	22.0	11.2	*	26.8	15.1	*
Sepsis.....	16	37.5	26.0	*	50.0	36.2	*	56.3	43.8	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	5	20.0	2.4	*	20.0	5.2	*	20.0	8.3	*
Carotid Endarterectomy.....	5	0.0	0.9	*	0.0	1.7	*	0.0	2.5	*
Hip Replacement/Reconstruction.....	15	6.7	2.7	*	6.7	5.5	*	6.7	7.7	*
Open Reduction of Hip Fracture.....	13	7.7	5.0	*	15.4	9.9	*	15.4	13.4	*
Prostatectomy.....	48	0.0	0.6	*	0.0	1.3	*	0.0	2.3	*
Cholecystectomy.....	22	9.1	2.3	*	13.6	4.3	*	13.6	5.5	*
Hysterectomy.....	5	0.0	0.4	*	0.0	0.7	*	0.0	1.0	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: Health Care Financing Administration (OSCAR) - 1987

Total Beds..... 267
Ownership/Control..... Private, Non-Profit

STAFFING:

Medical Residents/Interns..... 0
Registered Nurses..... 198
Licensed Practical Nurses..... 79

SPECIALTY SERVICES:

Burn Unit..... Yes
Coronary Care Unit..... Yes
Hospice..... Yes
Intensive Care Unit..... Yes
Organ Transplant..... Yes
Rehabilitation..... Yes
Shock Trauma..... Yes

** Not used in calculating hospital mortality rates.

COVENANT MEDICAL CENTER-SCHOITZ

Medicare Provider Number: 160038

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	1,523	7.7	8.1	0.9	12.5	12.7	0.9	15.2	16.4	1.3
CONDITIONS:										
Acute Myocardial Infarction.....	30	40.0	31.1	*	43.3	35.4	*	43.3	39.3	*
Congestive Heart Failure.....	53	18.9	15.3	8.8	30.2	23.5	11.3	35.8	30.5	14.8
Pneumonia/Influenza.....	45	13.3	14.9	*	15.6	20.5	*	15.6	24.9	*
Chronic Obstructive Pulmonary Disease.....	41	0.0	6.2	*	7.3	11.3	*	7.3	15.7	*
Transient Cerebral Ischemia.....	31	3.2	1.8	*	6.5	4.1	*	9.7	6.6	*
Stroke.....	53	13.2	20.0	6.5	22.6	26.2	8.5	24.5	30.9	7.1
Hip Fracture.....	32	12.5	6.5	*	18.8	11.9	*	21.9	15.4	*
Sepsis.....	20	40.0	27.2	*	40.0	35.1	*	45.0	41.5	*
PROCEDURE:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	10	0.0	4.4	*	10.0	7.8	*	10.0	10.5	*
Carotid Endarterectomy.....	4	0.0	1.8	*	0.0	3.9	*	0.0	5.8	*
Hip Replacement/Reconstruction.....	22	9.1	3.8	*	9.1	7.3	*	13.6	9.6	*
Open Reduction of Hip Fracture.....	11	9.1	5.6	*	27.3	10.6	*	27.3	13.9	*
Prostatectomy.....	78	1.3	0.8	1.2	2.6	2.0	2.1	2.6	3.4	2.5
Cholecystectomy.....	35	5.7	3.1	*	5.7	5.3	*	11.4	6.6	*
Hysterectomy.....	10	0.0	0.3	*	0.0	0.5	*	0.0	0.7	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	1,608	9.8	8.0	1.3	14.4	12.8	1.3	17.3	16.6	1.0
CONDITIONS:										
Acute Myocardial Infarction.....	52	48.1	29.1	9.8	53.8	33.2	10.4	55.8	37.0	10.2
Congestive Heart Failure.....	76	17.1	16.7	5.9	28.9	25.7	8.0	42.1	33.1	12.0
Pneumonia/Influenza.....	39	12.8	15.2	*	17.9	20.9	*	20.5	25.5	*
Chronic Obstructive Pulmonary Disease.....	48	8.3	9.1	*	16.7	15.3	*	18.8	20.4	*
Transient Cerebral Ischemia.....	30	3.3	1.7	*	6.7	3.7	*	6.7	6.0	*
Stroke.....	34	20.6	20.0	*	26.5	26.0	*	29.4	30.6	*
Hip Fracture.....	26	7.7	6.4	*	11.5	12.0	*	15.4	15.8	*
Sepsis.....	10	30.0	21.9	*	40.0	31.5	*	50.0	38.3	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	7	0.0	11.5	*	0.0	20.4	*	0.0	25.6	*
Carotid Endarterectomy.....	2	0.0	2.2	*	0.0	4.1	*	0.0	6.1	*
Hip Replacement/Reconstruction.....	19	5.3	2.1	*	15.8	4.0	*	15.8	5.6	*
Open Reduction of Hip Fracture.....	8	0.0	4.6	*	0.0	9.2	*	0.0	12.5	*
Prostatectomy.....	97	3.1	1.1	2.0	4.1	2.9	2.1	5.2	5.0	2.8
Cholecystectomy.....	32	3.1	3.3	*	9.4	5.5	*	9.4	6.9	*
Hysterectomy.....	15	0.0	0.3	*	0.0	0.6	*	0.0	0.9	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

CRAWFORD COUNTY MEMORIAL HOSPITAL

2020 First Ave South
Denison, IA 51442

Medicare Provider Number: 160014

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	352	11.9	10.2	1.8	16.8	15.5	2.1	21.3	19.3	2.2
CONDITIONS:										
Acute Myocardial Infarction.....	8	25.0	32.9	*	25.0	35.9	*	37.5	39.8	*
Congestive Heart Failure.....	16	6.3	17.1	*	12.5	27.3	*	37.5	35.3	*
Pneumonia/Influenza.....	27	18.5	16.9	*	25.9	23.2	*	33.3	27.9	*
Chronic Obstructive Pulmonary Disease.....	5	60.0	13.1	*	80.0	20.8	*	80.0	27.0	*
Transient Cerebral Ischemia.....	4	0.0	1.5	*	0.0	3.3	*	25.0	5.3	*
Stroke.....	11	36.4	19.0	*	36.4	25.1	*	36.4	29.7	*
Hip Fracture.....	5	20.0	7.0	*	20.0	13.6	*	20.0	18.3	*
Sepsis.....	3	33.3	18.0	*	33.3	26.1	*	33.3	31.7	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	1	0.0	3.1	*	0.0	6.2	*	0.0	8.5	*
Prostatectomy.....	10	0.0	0.5	*	0.0	1.3	*	0.0	2.3	*
Cholecystectomy.....	4	0.0	1.0	*	0.0	1.9	*	25.0	2.5	*
Hysterectomy.....	2	0.0	0.1	*	0.0	0.1	*	0.0	0.2	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 92
Occupancy Rate..... 22
Ownership/Control..... Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 7
Percent of Physicians Board Certified Specialists.... (Not Available)
Medical Residents/Interns..... 0
Registered Nurses..... 27
Licensed Practical Nurses..... 7

SPECIALTY SERVICES:

Burn Unit..... No
Cardiac Intensive Care..... No
Comprehensive Geriatric..... No
Hospice Care..... No
Medical/Surgical Intensive Care..... Yes
Organ/Tissue Transplant..... No
Other Intensive Care..... No
Rehabilitation Unit..... No
Trauma Center..... No

** Not used in calculating hospital mortality rates.

CRAWFORD COUNTY MEMORIAL HOSPITAL

Medicare Provider Number: 160014

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	350	12.9	8.8	2.1	16.6	13.2	2.2	19.7	16.9	2.5
CONDITIONS:										
Acute Myocardial Infarction.....	11	36.4	27.3	*	36.4	32.1	*	45.5	36.8	*
Congestive Heart Failure.....	21	28.6	15.6	*	33.3	23.3	*	38.1	29.8	*
Pneumonia/Influenza.....	26	23.1	17.9	*	34.6	24.5	*	46.2	29.6	*
Chronic Obstructive Pulmonary Disease.....	2	50.0	5.7	*	50.0	10.6	*	50.0	15.2	*
Transient Cerebral Ischemia.....	2	0.0	1.7	*	0.0	3.9	*	0.0	6.1	*
Stroke.....	9	22.2	18.1	*	22.2	23.8	*	22.2	28.4	*
Hip Fracture.....	3	33.3	4.8	*	33.3	8.7	*	33.3	11.5	*
Sepsis.....	6	16.7	24.4	*	16.7	33.5	*	16.7	40.7	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	3	33.3	4.1	*	33.3	7.9	*	33.3	10.7	*
Prostatectomy.....	5	20.0	1.6	*	20.0	3.9	*	20.0	6.4	*
Cholecystectomy.....	2	0.0	0.9	*	0.0	1.6	*	0.0	2.1	*
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	316	12.7	9.7	2.7	16.1	13.8	3.4	20.6	17.3	3.1
CONDITIONS:										
Acute Myocardial Infarction.....	19	57.9	33.3	*	57.9	36.4	*	57.9	40.3	*
Congestive Heart Failure.....	11	9.1	13.3	*	18.2	20.9	*	27.3	27.5	*
Pneumonia/Influenza.....	25	28.0	16.3	*	36.0	22.3	*	48.0	27.1	*
Chronic Obstructive Pulmonary Disease.....	1	0.0	10.5	*	0.0	15.1	*	0.0	19.3	*
Transient Cerebral Ischemia.....	1	0.0	1.8	*	0.0	4.1	*	0.0	6.8	*
Stroke.....	12	8.3	21.6	*	25.0	27.4	*	33.3	32.0	*
Hip Fracture.....	9	0.0	5.0	*	0.0	9.4	*	11.1	12.5	*
Sepsis.....	4	50.0	18.7	*	50.0	30.1	*	50.0	37.4	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	6	0.0	4.1	*	0.0	8.0	*	16.7	11.0	*
Prostatectomy.....	12	0.0	0.6	*	0.0	1.5	*	0.0	2.5	*
Cholecystectomy.....	5	0.0	2.0	*	0.0	3.7	*	0.0	4.7	*
Hysterectomy.....	2	0.0	0.7	*	0.0	1.7	*	0.0	3.1	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

DALLAS COUNTY HOSPITAL

Tenth & Iowa Streets
Perry, IA 50220

Medicare Provider Number: 160075

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	193	9.8	10.5	2.4	13.0	15.7	3.3	16.1	19.9	3.9
CONDITIONS:										
Acute Myocardial Infarction.....	7	28.6	40.5	*	42.9	45.3	*	42.9	49.7	*
Congestive Heart Failure.....	14	7.1	14.0	*	14.3	22.0	*	28.6	28.7	*
Pneumonia/Influenza.....	36	19.4	16.8	*	22.2	22.9	*	25.0	27.7	*
Chronic Obstructive Pulmonary Disease.....	1	0.0	6.0	*	0.0	10.2	*	0.0	14.2	*
Transient Cerebral Ischemia.....	0									
Stroke.....	2	0.0	14.4	*	0.0	18.8	*	0.0	22.8	*
Hip Fracture.....	1	0.0	10.9	*	0.0	19.9	*	0.0	25.4	*
Sepsis.....	2	0.0	18.7	*	0.0	26.6	*	0.0	31.9	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	4	0.0	1.0	*	0.0	2.4	*	0.0	4.2	*
Cholecystectomy.....	2	0.0	1.2	*	0.0	2.2	*	0.0	3.1	*
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 53
Occupancy Rate..... 21
Ownership/Control..... Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 4
Percent of Physicians Board Certified Specialists..... 100
Medical Residents/Interns..... 0
Registered Nurses..... 21
Licensed Practical Nurses..... 4

SPECIALTY SERVICES:

Burn Unit..... No
Cardiac Intensive Care..... No
Comprehensive Geriatric..... No
Hospice Care..... No
Medical/Surgical Intensive Care..... Yes
Organ/Tissue Transplant..... No
Other Intensive Care..... No
Rehabilitation Unit..... No
Trauma Center..... No

** Not used in calculating hospital mortality rates.

DALLAS COUNTY HOSPITAL

Medicare Provider Number: 160075

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	233	10.3	9.4	3.2	15.0	14.3	3.1	18.5	18.1	2.5
CONDITIONS:										
Acute Myocardial Infarction.....	5	40.0	27.3	*	40.0	30.4	*	40.0	33.5	*
Congestive Heart Failure.....	8	0.0	14.0	*	12.5	20.0	*	12.5	25.6	*
Pneumonia/Influenza.....	32	31.3	17.8	*	34.4	24.5	*	37.5	29.4	*
Chronic Obstructive Pulmonary Disease.....	2	0.0	7.5	*	0.0	13.8	*	0.0	18.4	*
Transient Cerebral Ischemia.....	6	0.0	1.5	*	0.0	3.5	*	0.0	5.6	*
Stroke.....	3	0.0	14.3	*	0.0	20.5	*	0.0	25.0	*
Hip Fracture.....	3	0.0	4.5	*	0.0	8.1	*	0.0	10.6	*
Sepsis.....	2	0.0	22.7	*	0.0	30.7	*	0.0	37.0	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	3	0.0	4.2	*	0.0	8.0	*	0.0	10.4	*
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	10	0.0	1.6	■	0.0	3.8	*	10.0	6.1	*
Cholecystectomy.....	3	0.0	0.9	■	0.0	1.7	*	0.0	2.5	*
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	189	14.3	11.2	3.4	23.3	16.4	4.5	27.0	20.5	4.4
CONDITIONS:										
Acute Myocardial Infarction.....	8	37.5	32.4	*	37.5	35.6	*	37.5	39.3	*
Congestive Heart Failure.....	4	0.0	11.5	*	0.0	16.7	*	25.0	21.8	*
Pneumonia/Influenza.....	37	18.9	18.6	*	40.5	25.5	*	43.2	30.8	*
Chronic Obstructive Pulmonary Disease.....	3	0.0	12.8	*	33.3	20.5	*	33.3	26.1	*
Transient Cerebral Ischemia.....	0									
Stroke.....	1	100.0	48.4	*	100.0	64.3	*	100.0	73.1	*
Hip Fracture.....	2	50.0	6.9	*	50.0	10.8	*	50.0	13.0	*
Sepsis.....	5	20.0	26.8	*	20.0	34.2	■	20.0	40.3	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	2	50.0	6.0	*	50.0	10.0	■	50.0	12.2	*
Prostatectomy.....	4	0.0	2.7	■	0.0	6.6	*	0.0	10.5	*
Cholecystectomy.....	3	0.0	1.5	■	0.0	2.5	*	0.0	3.2	*
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

DAVENPORT OSTEOPATHIC HOSPITAL

1111 W Kimberly Rd
Davenport, IA 52806

Medicare Provider Number: 160104

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	420	8.3	7.5	1.7	14.0	11.4	1.9	19.0	14.5	2.5
CONDITIONS:										
Acute Myocardial Infarction.....	14	28.6	26.6	*	28.6	31.8	*	35.7	35.7	*
Congestive Heart Failure.....	20	10.0	12.6	*	30.0	20.1	*	50.0	26.6	*
Pneumonia/Influenza.....	12	25.0	15.2	*	33.3	20.7	*	41.7	25.2	*
Chronic Obstructive Pulmonary Disease.....	11	0.0	5.9	*	0.0	10.7	*	0.0	14.8	*
Transient Cerebral Ischemia.....	10	0.0	1.9	*	10.0	4.4	*	10.0	7.0	*
Stroke.....	8	25.0	14.8	*	25.0	20.2	*	25.0	24.1	*
Hip Fracture.....	13	0.0	4.2	*	0.0	8.4	*	0.0	11.6	*
Sepsis.....	5	20.0	19.8	*	20.0	25.0	*	40.0	29.6	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	13	0.0	2.6	*	0.0	5.4	*	0.0	7.7	*
Open Reduction of Hip Fracture.....	3	0.0	4.7	*	0.0	9.4	*	0.0	12.9	*
Prostatectomy.....	12	0.0	0.7	*	0.0	1.7	*	8.3	2.8	*
Cholecystectomy.....	10	0.0	2.5	*	10.0	4.7	*	10.0	6.2	*
Hysterectomy.....	8	0.0	1.2	*	0.0	2.4	*	0.0	3.4	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: Health Care Financing Administration (OSCAR) - 1990

Total Beds..... 116
Ownership/Control..... Private, Non-Profit

STAFFING:

Medical Residents/Interns..... 3
Registered Nurses..... 57
Licensed Practical Nurses..... 0

SPECIALTY SERVICES:

Burn Unit..... No
Coronary Care Unit..... Yes
Hospice..... No
Intensive Care Unit..... Yes
Organ Transplant..... No
Rehabilitation..... No
Shock Trauma..... No

** Not used in calculating hospital mortality rates.

DAVENPORT OSTEOPATHIC HOSPITAL

Medicare Provider Number: 160104

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	417	9.8	7.2	1.9	13.7	10.8	2.2	16.8	13.9	2.3
CONDITIONS:										
Acute Myocardial Infarction.....	11	18.2	29.8	*	18.2	32.4	*	27.3	35.6	*
Congestive Heart Failure.....	21	33.3	15.0	*	42.9	23.4	*	42.9	30.2	*
Pneumonia/Influenza.....	18	5.6	14.0	*	5.6	18.9	*	5.6	22.7	*
Chronic Obstructive Pulmonary Disease.....	10	20.0	5.0	*	30.0	9.0	*	30.0	12.5	*
Transient Cerebral Ischemia.....	18	0.0	1.7	*	5.6	3.9	*	16.7	6.2	*
Stroke.....	10	20.0	16.3	*	20.0	22.3	*	30.0	26.9	*
Hip Fracture.....	5	20.0	5.7	*	20.0	10.6	*	20.0	13.5	*
Sepsis.....	2	0.0	11.0	*	0.0	14.7	*	50.0	18.2	*
PROCEDURE:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	2	50.0	16.8	*	50.0	19.4	*	50.0	22.6	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	1	0.0	1.6	*	0.0	3.5	*	0.0	5.1	*
Open Reduction of Hip Fracture.....	1	100.0	6.4	*	100.0	11.2	*	100.0	14.0	*
Prostatectomy.....	14	0.0	1.5	*	7.1	3.8	*	7.1	6.6	*
Cholecystectomy.....	9	11.1	1.6	*	11.1	3.1	*	11.1	4.1	*
Hysterectomy.....	6	0.0	0.2	*	0.0	0.4	*	0.0	0.5	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	503	10.5	8.1	1.9	15.5	12.0	2.3	18.1	15.2	2.2
CONDITIONS:										
Acute Myocardial Infarction.....	12	25.0	33.3	*	25.0	36.2	*	41.7	39.5	*
Congestive Heart Failure.....	25	28.0	12.6	*	28.0	19.7	*	32.0	25.9	*
Pneumonia/Influenza.....	26	23.1	16.1	*	34.6	21.8	*	34.6	26.5	*
Chronic Obstructive Pulmonary Disease.....	7	0.0	8.4	*	0.0	14.5	*	0.0	19.0	*
Transient Cerebral Ischemia.....	17	0.0	1.9	*	5.9	4.4	*	5.9	7.1	*
Stroke.....	15	33.3	26.1	*	66.7	34.5	*	73.3	40.2	*
Hip Fracture.....	14	0.0	4.0	*	7.1	8.2	*	14.3	11.3	*
Sepsis.....	10	40.0	23.9	*	40.0	31.6	*	40.0	37.6	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	1	0.0	3.5	*	0.0	5.9	*	0.0	7.8	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	9	0.0	2.1	*	0.0	4.3	*	0.0	5.9	*
Open Reduction of Hip Fracture.....	4	0.0	2.9	*	0.0	5.9	*	0.0	8.3	*
Prostatectomy.....	7	0.0	1.1	*	0.0	2.8	*	0.0	4.8	*
Cholecystectomy.....	7	0.0	1.9	*	0.0	3.8	*	0.0	4.9	*
Hysterectomy.....	2	0.0	0.1	*	0.0	0.3	*	0.0	0.4	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

DAVIS COUNTY HOSPITAL

507-509 North Madison
Bloomfield, IA 52537

Medicare Provider Number: 160060

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	335	8.7	8.7	1.8	12.8	13.4	1.9	15.8	17.2	2.6
CONDITIONS:										
Acute Myocardial Infarction.....	19	36.8	37.9	*	36.8	41.8	*	36.8	46.0	*
Congestive Heart Failure.....	26	19.2	10.9	*	26.9	17.7	*	26.9	23.5	*
Pneumonia/Influenza.....	13	0.0	13.0	*	7.7	18.0	*	7.7	22.2	*
Chronic Obstructive Pulmonary Disease.....	11	0.0	6.2	*	9.1	12.7	*	9.1	18.7	*
Transient Cerebral Ischemia.....	16	6.3	2.0	*	6.3	4.6	*	12.5	7.4	*
Stroke.....	7	14.3	17.3	*	28.6	23.1	*	28.6	27.3	*
Hip Fracture.....	9	11.1	8.0	*	11.1	14.4	*	11.1	18.7	*
Sepsis.....	1	0.0	6.0	*	0.0	8.7	*	0.0	11.2	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	2	0.0	2.0	*	0.0	4.1	*	0.0	6.1	*
Hip Replacement/Reconstruction.....	4	25.0	10.3	*	25.0	18.5	*	25.0	23.5	*
Open Reduction of Hip Fracture.....	2	0.0	6.7	*	0.0	13.2	*	0.0	18.0	*
Prostatectomy.....	5	0.0	1.3	*	0.0	3.1	*	0.0	5.1	*
Cholecystectomy.....	6	0.0	5.7	*	0.0	10.9	*	0.0	13.8	*
Hysterectomy.....	2	0.0	0.1	*	0.0	0.3	*	0.0	0.4	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 80
Occupancy Rate..... 63
Ownership/Control..... Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 5
Percent of Physicians Board Certified Specialists..... 60
Medical Residents/Interns..... 0
Registered Nurses..... 29
Licensed Practical Nurses..... 4

SPECIALTY SERVICES:

Burn Unit..... No
Cardiac Intensive Care..... No
Comprehensive Geriatric..... No
Hospice Care..... No
Medical/Surgical Intensive Care..... Yes
Organ/Tissue Transplant..... No
Other Intensive Care..... No
Rehabilitation Unit..... No
Trauma Center..... No

** Not used in calculating hospital mortality rates.

DAVIS COUNTY HOSPITAL
Medicare Provider Number: 160060

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	372	9.4	9.1	1.8	13.7	13.8	1.8	15.9	17.8	2.2
CONDITIONS:										
Acute Myocardial Infarction.....	10	50.0	36.9	*	50.0	40.1	*	50.0	44.2	*
Congestive Heart Failure.....	31	22.6	14.8	*	29.0	22.1	*	29.0	28.3	*
Pneumonia/Influenza.....	24	12.5	13.6	*	20.8	18.8	*	20.8	22.8	*
Chronic Obstructive Pulmonary Disease.....	9	0.0	6.4	*	0.0	11.7	*	11.1	16.6	*
Transient Cerebral Ischemia.....	16	0.0	1.9	*	0.0	4.2	*	0.0	6.7	*
Stroke.....	13	30.8	23.6	*	46.2	30.6	*	46.2	35.8	*
Hip Fracture.....	10	0.0	7.0	*	0.0	12.9	*	0.0	16.8	*
Sepsis.....	1	0.0	36.7	*	100.0	42.7	*	100.0	49.8	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	2	0.0	4.3	*	0.0	7.2	*	0.0	10.1	*
Carotid Endarterectomy.....	1	0.0	1.3	*	0.0	2.5	*	0.0	3.6	*
Hip Replacement/Reconstruction.....	4	0.0	5.8	*	0.0	11.5	*	0.0	15.2	*
Open Reduction of Hip Fracture.....	4	0.0	7.0	*	0.0	13.4	*	0.0	17.5	*
Prostatectomy.....	6	0.0	1.0	*	0.0	2.6	*	0.0	4.5	*
Cholecystectomy.....	2	0.0	1.6	*	0.0	2.8	*	0.0	3.5	*
Hysterectomy.....	3	0.0	1.2	*	0.0	2.7	*	0.0	4.1	*

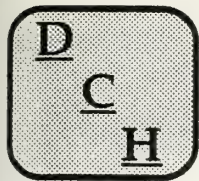
* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	412	8.0	9.5	2.1	12.1	13.9	2.6	15.8	17.5	2.4
CONDITIONS:										
Acute Myocardial Infarction.....	23	13.0	32.3	*	17.4	35.6	*	21.7	39.3	*
Congestive Heart Failure.....	30	20.0	16.1	*	30.0	24.9	*	36.7	32.2	*
Pneumonia/Influenza.....	16	6.3	16.6	*	12.5	22.4	*	25.0	27.4	*
Chronic Obstructive Pulmonary Disease.....	9	33.3	13.8	*	44.4	23.7	*	44.4	31.1	*
Transient Cerebral Ischemia.....	14	0.0	1.9	*	0.0	4.0	*	0.0	6.4	*
Stroke.....	14	28.6	24.1	*	42.9	29.9	*	42.9	34.4	*
Hip Fracture.....	7	0.0	6.1	*	0.0	11.0	*	0.0	14.2	*
Sepsis.....	3	66.7	39.7	*	66.7	51.7	*	66.7	58.3	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	4	0.0	2.1	*	0.0	4.1	*	0.0	6.1	*
Hip Replacement/Reconstruction.....	3	0.0	4.1	*	0.0	7.7	*	0.0	10.4	*
Open Reduction of Hip Fracture.....	1	0.0	5.3	*	0.0	10.4	*	0.0	14.2	*
Prostatectomy.....	11	9.1	1.2	*	9.1	2.9	*	9.1	4.8	*
Cholecystectomy.....	11	0.0	1.1	*	0.0	1.8	*	0.0	2.4	*
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

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Davis County Hospital

507-509 North Madison
Phone (515) 664-2145
Bloomfield, Iowa 52537

January 14, 1991

Health Care Financing Administration
Health Standards and Quality Bureau
Attn: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Medicare Provider #160060

Dear Mrs. Kappert,

In response to the Medicare Hospital Mortality Information, our UR coordinator, Director of Nurses and Director of Medical Records have identified the following discrepancies in the report:

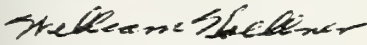
Under the title Hospital Characteristics:

Total bed size is 48, which are acute care beds. In addition, we also have a 32 bed
Occupancy rate is 26%. Long Term Care unit.
Staffing for physicians is 6.
% board certified is 67%.
Registered nurses is 39.
Licensed Practical Nurses is 13.

We do have a cardiac intensive care unit.

Thank you for the opportunity to respond to this information.

Sincerely,


William H. Koellner
Administrator

WHK/ab

DECATUR COUNTY HOSPITAL

1203 N Church St
Leon, IA 50144

Medicare Provider Number: 160055

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	260	10.0	7.1	2.4	15.4	11.2	2.7	17.3	14.6	2.7
CONDITIONS:										
Acute Myocardial Infarction.....	10	40.0	24.3	*	40.0	27.9	*	40.0	31.3	*
Congestive Heart Failure.....	12	33.3	12.3	*	50.0	20.6	*	50.0	27.1	*
Pneumonia/Influenza.....	22	9.1	10.8	*	22.7	15.6	*	31.8	19.4	*
Chronic Obstructive Pulmonary Disease.....	10	0.0	2.4	*	0.0	4.8	*	10.0	7.0	*
Transient Cerebral Ischemia.....	7	0.0	1.2	*	0.0	2.6	*	0.0	4.0	*
Stroke.....	10	30.0	15.8	*	30.0	22.1	*	30.0	26.4	*
Hip Fracture.....	1	0.0	3.6	*	0.0	7.8	*	0.0	11.1	*
Sepsis.....	2	0.0	30.7	*	0.0	36.7	*	0.0	43.3	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	4	0.0	1.1	*	0.0	2.2	*	0.0	3.4	*
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 50
Occupancy Rate..... 32
Ownership/Control..... Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 5
Percent of Physicians Board Certified Specialists..... 40
Medical Residents/Interns..... 0
Registered Nurses..... 22
Licensed Practical Nurses..... 1

SPECIALTY SERVICES:

Burn Unit..... No
Cardiac Intensive Care..... No
Comprehensive Geriatric..... No
Hospice Care..... No
Medical/Surgical Intensive Care..... Yes
Organ/Tissue Transplant..... No
Other Intensive Care..... No
Rehabilitation Unit..... No
Trauma Center..... No

** Not used in calculating hospital mortality rates.

DECATUR COUNTY HOSPITAL

Medicare Provider Number: 160055

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	276	10.1	6.1	1.8	12.3	9.3	2.3	17.4	12.2	2.4
CONDITIONS:										
Acute Myocardial Infarction.....	11	36.4	25.4	*	36.4	28.7	*	36.4	32.6	*
Congestive Heart Failure.....	13	15.4	10.0	*	23.1	16.4	*	38.5	22.2	*
Pneumonia/Influenza.....	16	18.8	11.7	*	18.8	16.9	*	18.8	20.9	*
Chronic Obstructive Pulmonary Disease.....	5	20.0	3.4	*	20.0	6.6	*	20.0	9.6	*
Transient Cerebral Ischemia.....	12	0.0	1.6	*	0.0	3.3	*	0.0	5.2	*
Stroke.....	17	35.3	17.0	*	35.3	23.1	*	41.2	27.9	*
Hip Fracture.....	5	20.0	2.3	*	20.0	4.9	*	40.0	7.0	*
Sepsis.....	1	0.0	34.9	*	0.0	39.6	*	0.0	44.3	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	3	0.0	2.2	*	0.0	5.0	*	33.3	7.3	*
Open Reduction of Hip Fracture.....	1	0.0	2.0	*	0.0	4.4	*	0.0	6.5	*
Prostatectomy.....	2	0.0	0.4	*	0.0	1.0	*	0.0	1.7	*
Cholecystectomy.....	6	0.0	1.1	*	0.0	1.9	*	0.0	2.4	*
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	345	13.6	7.6	2.1	15.7	11.2	2.1	19.1	14.3	2.2
CONDITIONS:										
Acute Myocardial Infarction.....	12	58.3	38.4	*	66.7	42.2	*	66.7	46.4	*
Congestive Heart Failure.....	14	28.6	12.7	*	28.6	20.7	*	35.7	27.5	*
Pneumonia/Influenza.....	16	12.5	13.8	*	12.5	19.4	*	12.5	23.8	*
Chronic Obstructive Pulmonary Disease.....	6	0.0	5.3	*	0.0	9.9	*	0.0	13.6	*
Transient Cerebral Ischemia.....	6	0.0	4.6	*	0.0	11.3	*	33.3	18.4	*
Stroke.....	25	24.0	16.4	*	24.0	22.1	*	24.0	26.6	*
Hip Fracture.....	12	8.3	2.5	*	16.7	5.2	*	33.3	7.5	*
Sepsis.....	5	60.0	24.8	*	60.0	34.0	*	80.0	41.1	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	8	0.0	2.4	*	0.0	5.0	*	25.0	7.2	*
Open Reduction of Hip Fracture.....	3	0.0	2.3	*	33.3	5.3	*	33.3	7.9	*
Prostatectomy.....	1	0.0	0.2	*	0.0	0.4	*	0.0	0.8	*
Cholecystectomy.....	7	0.0	2.4	*	0.0	4.8	*	14.3	6.9	*
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

DELAWARE COUNTY MEMORIAL HOSPITAL

709 W Main St
Manchester, IA 52057

Medicare Provider Number: 160009

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	317	8.8	9.3	1.7	12.6	13.8	2.6	15.5	17.2	3.2
CONDITIONS:										
Acute Myocardial Infarction.....	13	7.7	20.9	*	15.4	24.2	*	15.4	27.7	*
Congestive Heart Failure.....	26	15.4	14.3	*	19.2	22.4	*	30.8	29.2	*
Pneumonia/Influenza.....	30	13.3	13.6	*	13.3	18.7	*	13.3	22.8	*
Chronic Obstructive Pulmonary Disease.....	1	0.0	11.8	*	0.0	19.0	*	100.0	24.8	*
Transient Cerebral Ischemia.....	5	0.0	1.5	*	0.0	3.1	*	0.0	4.8	*
Stroke.....	15	40.0	20.3	*	60.0	26.3	*	73.3	30.6	*
Hip Fracture.....	16	6.3	5.7	*	6.3	10.5	*	6.3	13.9	*
Sepsis.....	4	0.0	16.0	*	0.0	22.2	*	0.0	27.3	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	6	0.0	4.3	*	0.0	8.5	*	0.0	11.8	*
Open Reduction of Hip Fracture.....	9	11.1	5.8	*	11.1	10.9	*	11.1	14.3	*
Prostatectomy.....	1	0.0	0.3	*	0.0	0.6	*	0.0	1.1	*
Cholecystectomy.....	10	0.0	2.0	*	0.0	3.8	*	0.0	5.4	*
Hysterectomy.....	5	0.0	0.3	*	0.0	0.5	*	0.0	0.8	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 86
Occupancy Rate..... 62
Ownership/Control..... Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 14
Percent of Physicians Board Certified Specialists..... 71
Medical Residents/Interns..... 0
Registered Nurses..... 44
Licensed Practical Nurses..... 2

SPECIALTY SERVICES:

Burn Unit..... No
Cardiac Intensive Care..... No
Comprehensive Geriatric..... No
Hospice Care..... No
Medical/Surgical Intensive Care..... Yes
Organ/Tissue Transplant..... No
Other Intensive Care..... No
Rehabilitation Unit..... No
Trauma Center..... No

** Not used in calculating hospital mortality rates.

DELAWARE COUNTY MEMORIAL HOSPITAL

Medicare Provider Number: 160009

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	315	14.0	10.6	2.3	19.0	15.3	2.7	23.5	19.2	3.2
CONDITIONS:										
Acute Myocardial Infarction.....	18	38.9	29.6	*	38.9	33.6	*	38.9	37.4	*
Congestive Heart Failure.....	19	15.8	13.8	*	15.8	20.9	*	15.8	26.9	*
Pneumonia/Influenza.....	30	26.7	18.9	*	30.0	25.2	*	36.7	30.1	*
Chronic Obstructive Pulmonary Disease.....	2	0.0	19.5	*	0.0	25.9	*	0.0	31.6	*
Transient Cerebral Ischemia.....	1	0.0	1.8	*	0.0	3.5	*	0.0	5.3	*
Stroke.....	12	33.3	25.5	*	50.0	32.0	*	58.3	36.7	*
Hip Fracture.....	8	0.0	5.5	*	12.5	10.8	*	25.0	14.6	*
Sepsis.....	4	50.0	35.6	*	50.0	45.7	*	50.0	54.3	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	3	0.0	3.8	*	0.0	8.0	*	0.0	10.8	*
Open Reduction of Hip Fracture.....	2	0.0	4.3	*	0.0	8.6	*	0.0	11.8	*
Prostatectomy.....	2	0.0	0.6	*	0.0	1.3	*	0.0	2.0	*
Cholecystectomy.....	11	9.1	1.5	*	9.1	2.3	*	9.1	2.8	*
Hysterectomy.....	3	0.0	0.8	*	0.0	1.8	*	0.0	2.8	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	316	9.8	9.6	1.8	14.6	14.0	2.0	17.7	17.9	2.2
CONDITIONS:										
Acute Myocardial Infarction.....	24	37.5	33.3	*	41.7	37.1	*	45.8	41.0	*
Congestive Heart Failure.....	14	21.4	15.0	*	35.7	22.8	*	42.9	29.3	*
Pneumonia/Influenza.....	20	5.0	15.4	*	15.0	21.7	*	15.0	26.7	*
Chronic Obstructive Pulmonary Disease.....	3	0.0	9.8	*	0.0	14.6	*	33.3	19.2	*
Transient Cerebral Ischemia.....	3	0.0	1.7	*	0.0	3.7	*	0.0	6.0	*
Stroke.....	16	6.3	20.3	*	6.3	26.2	*	6.3	30.9	*
Hip Fracture.....	10	0.0	6.3	*	10.0	11.2	*	10.0	14.4	*
Sepsis.....	4	25.0	13.0	*	50.0	19.8	*	50.0	24.7	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	3	0.0	7.0	*	33.3	13.0	*	33.3	16.8	*
Open Reduction of Hip Fracture.....	3	0.0	5.4	*	0.0	10.0	*	0.0	13.1	*
Prostatectomy.....	0									
Cholecystectomy.....	7	14.3	2.7	*	14.3	4.9	*	14.3	6.2	*
Hysterectomy.....	5	0.0	1.8	*	0.0	4.3	*	20.0	6.8	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

DES MOINES GENERAL HOSPITAL

603 East 12th Street
Des Moines, IA 50307

Medicare Provider Number: 160102

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,364	8.4	9.6	1.2	13.3	14.5	1.6	16.8	18.3	1.6
CONDITIONS:										
Acute Myocardial Infarction.....	39	35.9	29.9	*	38.5	33.0	*	41.0	36.4	*
Congestive Heart Failure.....	56	12.5	16.3	7.6	19.6	23.6	7.3	25.0	30.2	9.2
Pneumonia/Influenza.....	42	19.0	16.9	*	28.6	23.0	*	33.3	27.6	*
Chronic Obstructive Pulmonary Disease.....	14	7.1	12.2	*	7.1	22.1	*	14.3	30.0	*
Transient Cerebral Ischemia.....	18	0.0	1.8	*	0.0	4.2	*	0.0	6.8	*
Stroke.....	51	17.6	20.3	7.5	17.6	26.9	11.1	25.5	31.4	10.6
Hip Fracture.....	39	2.6	8.0	*	12.8	14.1	*	17.9	18.1	*
Sepsis.....	11	18.2	25.8	*	36.4	35.0	*	54.5	41.2	*
PROCEDURES:										
Angioplasty.....	4	0.0	9.0	*	0.0	10.4	*	0.0	12.0	*
Coronary Artery Bypass Graft.....	17	0.0	5.7	*	0.0	7.7	*	0.0	9.1	*
Initial Pacemaker Insertion.....	7	0.0	1.4	*	0.0	3.3	*	14.3	5.2	*
Carotid Endarterectomy.....	2	0.0	1.5	*	0.0	3.2	*	0.0	5.0	*
Hip Replacement/Reconstruction.....	23	0.0	5.1	*	8.7	9.6	*	8.7	12.8	*
Open Reduction of Hip Fracture.....	21	0.0	7.0	*	9.5	12.7	*	19.0	16.3	*
Prostatectomy.....	36	0.0	1.4	*	0.0	3.3	*	5.6	5.4	*
Cholecystectomy.....	27	3.7	3.9	*	3.7	6.9	*	3.7	8.8	*
Hysterectomy.....	9	0.0	0.5	*	0.0	0.9	*	11.1	1.3	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 195
Occupancy Rate..... 65
Ownership/Control..... Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 132
Percent of Physicians Board Certified Specialists..... 66
Medical Residents/Interns..... 31
Registered Nurses..... 140
Licensed Practical Nurses..... 13

SPECIALTY SERVICES:

Burn Unit..... No
Cardiac Intensive Care..... No
Comprehensive Geriatric..... No
Hospice Care..... No
Medical/Surgical Intensive Care..... Yes
Organ/Tissue Transplant..... No
Other Intensive Care..... No
Rehabilitation Unit..... No
Trauma Center..... No

** Not used in calculating hospital mortality rates.

DES MOINES GENERAL HOSPITAL

Medicare Provider Number: 160102

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	1,434	7.7	9.5	1.0	12.1	14.3	1.2	16.5	18.0	1.2
CONDITIONS:										
Acute Myocardial Infarction.....	37	35.1	33.4	*	40.5	37.0	*	40.5	40.5	*
Congestive Heart Failure.....	28	10.7	14.4	*	17.9	20.9	*	39.3	26.9	*
Pneumonia/Influenza.....	71	18.3	18.0	5.0	25.4	24.3	5.3	25.4	29.0	6.6
Chronic Obstructive Pulmonary Disease.....	28	21.4	10.4	*	32.1	17.6	*	42.9	23.2	*
Transient Cerebral Ischemia.....	24	4.2	1.9	*	4.2	4.2	*	4.2	6.7	*
Stroke.....	43	20.9	24.3	*	25.6	30.6	*	34.9	35.3	*
Hip Fracture.....	32	0.0	6.0	*	6.3	10.9	*	6.3	14.0	*
Sepsis.....	16	18.8	30.3	*	31.3	38.9	*	37.5	45.2	*
PROCEDURES:										
Angioplasty.....	5	0.0	6.3	*	0.0	7.4	*	0.0	8.6	*
Coronary Artery Bypass Graft.....	16	31.3	6.9	*	37.5	8.7	*	37.5	10.1	*
Initial Pacemaker Insertion.....	14	0.0	10.1	*	7.1	13.7	*	7.1	16.5	*
Carotid Endarterectomy.....	2	0.0	1.5	*	0.0	3.0	*	0.0	4.6	*
Hip Replacement/Reconstruction.....	18	0.0	3.7	*	0.0	7.1	*	0.0	9.3	*
Open Reduction of Hip Fracture.....	16	0.0	5.7	*	12.5	10.6	*	12.5	13.9	*
Prostatectomy.....	39	0.0	1.0	*	5.1	2.4	*	7.7	4.1	*
Cholecystectomy.....	30	6.7	3.7	*	6.7	7.1	*	13.3	9.5	*
Hysterectomy.....	11	0.0	1.2	*	0.0	2.6	*	9.1	4.0	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	1,517	7.9	9.4	1.0	13.4	14.3	1.2	17.0	18.3	1.1
CONDITIONS:										
Acute Myocardial Infarction.....	36	44.4	34.6	*	55.6	37.9	*	58.3	41.4	*
Congestive Heart Failure.....	50	26.0	20.2	*	34.0	28.5	*	44.0	35.5	*
Pneumonia/Influenza.....	40	15.0	17.9	*	27.5	23.9	*	32.5	28.7	*
Chronic Obstructive Pulmonary Disease.....	19	0.0	14.9	*	15.8	23.6	*	31.6	29.5	*
Transient Cerebral Ischemia.....	26	0.0	2.3	*	0.0	5.0	*	3.8	7.9	*
Stroke.....	67	10.4	23.0	6.8	16.4	29.8	8.1	17.9	34.5	8.3
Hip Fracture.....	33	6.1	7.0	*	9.1	12.7	*	18.2	16.3	*
Sepsis.....	9	22.2	30.7	*	33.3	39.7	*	33.3	46.5	*
PROCEDURES:										
Angioplasty.....	7	14.3	11.2	*	14.3	12.3	*	14.3	13.7	*
Coronary Artery Bypass Graft.....	20	15.0	5.9	*	15.0	7.9	*	15.0	9.1	*
Initial Pacemaker Insertion.....	14	0.0	3.0	*	0.0	5.9	*	14.3	8.5	*
Carotid Endarterectomy.....	3	0.0	1.5	*	0.0	2.8	*	0.0	4.2	*
Hip Replacement/Reconstruction.....	20	0.0	4.6	*	5.0	9.0	*	10.0	12.3	*
Open Reduction of Hip Fracture.....	22	9.1	6.1	*	9.1	11.6	*	18.2	15.3	*
Prostatectomy.....	40	0.0	1.3	*	5.0	3.2	*	5.0	5.2	*
Cholecystectomy.....	28	3.6	3.6	*	7.1	5.7	*	7.1	6.8	*
Hysterectomy.....	8	0.0	0.3	*	0.0	0.6	*	0.0	0.8	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

DEWITT COMMUNITY HOSPITAL

1118-11th St
De Witt, IA 52742

Medicare Provider Number: 160062

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	146	7.5	7.8	2.7	13.7	12.2	3.5	17.8	15.5	4.7
CONDITIONS:										
Acute Myocardial Infarction.....	7	14.3	23.8	*	14.3	27.1	*	14.3	30.9	*
Congestive Heart Failure.....	5	0.0	11.0	*	0.0	18.0	*	20.0	23.8	*
Pneumonia/Influenza.....	12	16.7	13.9	*	16.7	20.9	*	25.0	25.5	*
Chronic Obstructive Pulmonary Disease.....	1	0.0	7.1	*	0.0	10.0	*	0.0	12.9	*
Transient Cerebral Ischemia.....	0									
Stroke.....	5	0.0	17.2	*	0.0	24.1	*	0.0	28.7	*
Hip Fracture.....	5	20.0	3.5	*	20.0	7.2	*	20.0	10.1	*
Sepsis.....	2	0.0	13.6	*	0.0	20.2	*	0.0	25.0	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	1	0.0	3.5	*	0.0	7.3	*	0.0	10.4	*
Open Reduction of Hip Fracture.....	2	0.0	1.5	*	0.0	3.4	*	0.0	5.0	*
Prostatectomy.....	3	0.0	0.5	*	0.0	1.2	*	0.0	2.0	*
Cholecystectomy.....	3	0.0	1.7	*	0.0	3.4	*	0.0	4.7	*
Hysterectomy.....	2	0.0	1.0	*	0.0	2.0	*	0.0	2.7	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 74
Occupancy Rate..... 80
Ownership/Control..... Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 7
Percent of Physicians Board Certified Specialists..... 71
Medical Residents/Interns..... 0
Registered Nurses..... 15
Licensed Practical Nurses..... 6

SPECIALTY SERVICES:

Burn Unit..... No
Cardiac Intensive Care..... Yes
Comprehensive Geriatric..... Yes
Hospice Care..... No
Medical/Surgical Intensive Care..... No
Organ/Tissue Transplant..... No
Other Intensive Care..... No
Rehabilitation Unit..... No
Trauma Center..... No

** Not used in calculating hospital mortality rates.

DEWITT COMMUNITY HOSPITAL

Medicare Provider Number: 160062

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	157	10.2	7.0	3.1	15.3	11.0	4.0	17.2	14.3	5.3
CONDITIONS:										
Acute Myocardial Infarction.....	3	0.0	27.6	*	0.0	30.9	*	0.0	34.7	*
Congestive Heart Failure.....	7	28.6	14.6	*	28.6	23.4	*	28.6	30.5	*
Pneumonia/Influenza.....	11	9.1	18.0	*	36.4	25.2	*	36.4	30.2	*
Chronic Obstructive Pulmonary Disease.....	1	100.0	5.6	*	100.0	10.9	*	100.0	15.8	*
Transient Cerebral Ischemia.....	2	0.0	1.2	*	0.0	2.6	*	0.0	4.2	*
Stroke.....	8	37.5	20.0	*	37.5	26.0	*	37.5	30.6	*
Hip Fracture.....	9	0.0	3.5	*	0.0	7.5	*	11.1	10.9	*
Sepsis.....	3	0.0	18.7	*	0.0	26.1	*	0.0	31.2	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	6	0.0	3.4	*	0.0	7.9	*	16.7	11.8	*
Open Reduction of Hip Fracture.....	2	0.0	3.1	*	0.0	6.4	*	0.0	8.8	*
Prostatectomy.....	4	0.0	0.5	*	0.0	1.0	*	0.0	1.6	*
Cholecystectomy.....	4	0.0	0.5	*	0.0	0.9	*	0.0	1.4	*
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	142	10.6	8.1	4.7	17.6	13.0	5.6	19.0	16.9	5.4
CONDITIONS:										
Acute Myocardial Infarction.....	7	14.3	22.9	*	28.6	25.5	*	28.6	28.3	*
Congestive Heart Failure.....	9	22.2	13.7	*	22.2	21.2	*	22.2	27.4	*
Pneumonia/Influenza.....	9	11.1	12.5	*	22.2	18.1	*	22.2	22.1	*
Chronic Obstructive Pulmonary Disease.....	2	0.0	8.8	*	0.0	19.5	*	0.0	29.6	*
Transient Cerebral Ischemia.....	0									
Stroke.....	5	20.0	18.0	*	40.0	24.2	*	40.0	28.9	*
Hip Fracture.....	5	0.0	3.4	*	0.0	6.6	*	20.0	9.0	*
Sepsis.....	4	25.0	14.3	*	25.0	22.6	*	25.0	29.0	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	2	0.0	1.4	*	0.0	3.2	*	0.0	4.7	*
Open Reduction of Hip Fracture.....	2	0.0	4.1	*	0.0	8.6	*	50.0	11.9	*
Prostatectomy.....	4	0.0	0.5	*	0.0	1.1	*	0.0	2.0	*
Cholecystectomy.....	2	0.0	0.6	*	0.0	1.1	*	0.0	1.5	*
Hysterectomy.....	2	0.0	0.8	*	0.0	2.0	*	0.0	3.3	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

DICKINSON COUNTY MEMORIAL HOSPITAL

Hwy 71 South Box AB
Spirit Lake, IA 51360

Medicare Provider Number: 160124

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	468	8.8	8.7	1.3	11.3	13.2	1.7	13.7	16.5	2.0
CONDITIONS:										
Acute Myocardial Infarction.....	14	21.4	33.3	*	21.4	37.3	*	28.6	41.5	*
Congestive Heart Failure.....	24	16.7	13.2	*	16.7	20.8	*	29.2	27.3	*
Pneumonia/Influenza.....	17	11.8	13.5	*	29.4	19.0	*	29.4	23.4	*
Chronic Obstructive Pulmonary Disease.....	4	0.0	3.2	*	0.0	6.1	*	0.0	9.0	*
Transient Cerebral Ischemia.....	8	0.0	1.9	*	0.0	4.1	*	0.0	6.5	*
Stroke.....	17	11.8	21.0	*	17.6	28.4	*	17.6	33.6	*
Hip Fracture.....	34	5.9	7.9	*	11.8	14.0	*	17.6	18.0	*
Sepsis.....	6	0.0	21.1	*	0.0	27.4	*	0.0	33.1	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	19	5.3	3.9	*	10.5	7.3	*	10.5	9.7	*
Open Reduction of Hip Fracture.....	8	0.0	5.7	*	12.5	11.3	*	25.0	15.4	*
Prostatectomy.....	22	0.0	0.8	*	0.0	1.9	*	4.5	3.2	*
Cholecystectomy.....	6	0.0	1.5	*	0.0	2.2	*	0.0	2.8	*
Hysterectomy.....	2	0.0	0.3	*	0.0	0.5	*	0.0	0.8	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 49
Occupancy Rate..... 49
Ownership/Control..... Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 24
Percent of Physicians Board Certified Specialists..... (Not Available)
Medical Residents/Interns..... 0
Registered Nurses..... 31
Licensed Practical Nurses..... 3

SPECIALTY SERVICES:

Burn Unit..... No
Cardiac Intensive Care..... No
Comprehensive Geriatric..... No
Hospice Care..... No
Medical/Surgical Intensive Care..... Yes
Organ/Tissue Transplant..... No
Other Intensive Care..... No
Rehabilitation Unit..... No
Trauma Center..... No

** Not used in calculating hospital mortality rates.

DICKINSON COUNTY MEMORIAL HOSPITAL

Medicare Provider Number: 160124

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	411	11.2	8.7	2.7	14.4	12.9	2.6	17.5	16.3	2.6
CONDITIONS:										
Acute Myocardial Infarction.....	19	26.3	27.2	*	26.3	29.7	*	26.3	32.7	*
Congestive Heart Failure.....	16	25.0	14.2	*	31.3	21.7	*	37.5	28.1	*
Pneumonia/Influenza.....	17	29.4	15.2	*	29.4	20.7	*	29.4	25.1	*
Chronic Obstructive Pulmonary Disease.....	4	25.0	8.1	*	25.0	12.5	*	25.0	16.5	*
Transient Cerebral Ischemia.....	7	0.0	2.0	*	0.0	4.3	*	0.0	6.7	*
Stroke.....	15	6.7	19.0	*	13.3	24.4	*	20.0	28.9	*
Hip Fracture.....	33	15.2	6.4	*	15.2	12.0	*	18.2	15.8	*
Sepsis.....	1	0.0	40.9	*	100.0	57.0	*	100.0	65.6	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	3	0.0	3.6	*	0.0	6.2	*	0.0	8.9	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	13	7.7	5.0	*	7.7	9.8	*	7.7	13.2	*
Open Reduction of Hip Fracture.....	7	14.3	5.7	*	14.3	10.7	*	28.6	14.0	*
Prostatectomy.....	19	0.0	0.9	*	0.0	2.2	*	5.3	3.7	*
Cholecystectomy.....	16	0.0	2.7	*	0.0	4.6	*	6.3	6.0	*
Hysterectomy.....	4	0.0	0.2	*	0.0	0.3	*	0.0	0.4	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	404	10.9	9.2	1.8	14.4	13.4	1.8	17.3	16.8	1.9
CONDITIONS:										
Acute Myocardial Infarction.....	13	38.5	31.0	*	46.2	33.9	*	53.8	37.5	*
Congestive Heart Failure.....	15	26.7	14.0	*	26.7	21.5	*	40.0	27.9	*
Pneumonia/Influenza.....	25	4.0	16.1	*	12.0	21.3	*	20.0	25.9	*
Chronic Obstructive Pulmonary Disease.....	4	50.0	10.5	*	50.0	17.1	*	50.0	22.1	*
Transient Cerebral Ischemia.....	9	0.0	1.7	*	0.0	3.6	*	0.0	5.6	*
Stroke.....	19	15.8	20.4	*	15.8	25.9	*	15.8	30.5	*
Hip Fracture.....	24	29.2	8.0	*	29.2	13.8	*	29.2	17.6	*
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	1	0.0	2.0	*	100.0	4.9	*	100.0	8.3	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	12	16.7	3.2	*	16.7	5.8	*	16.7	7.6	*
Open Reduction of Hip Fracture.....	11	18.2	6.5	*	18.2	12.0	*	18.2	15.6	*
Prostatectomy.....	21	4.8	1.8	*	14.3	4.5	*	14.3	7.5	*
Cholecystectomy.....	15	13.3	4.0	*	13.3	6.6	*	13.3	8.1	*
Hysterectomy.....	3	0.0	1.2	*	0.0	2.1	*	0.0	2.9	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

ELDORA COMMUNITY HOSPITAL

2413 Edgington Ave

Eldora, IA 50627

Medicare Provider Number: 160085

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	92	6.5	9.9	4.7	14.1	14.8	3.8	19.6	18.8	4.3
CONDITIONS:										
Acute Myocardial Infarction.....	5	40.0	41.5	*	40.0	46.8	*	60.0	51.2	*
Congestive Heart Failure.....	9	11.1	18.4	*	33.3	29.2	*	33.3	37.2	*
Pneumonia/Influenza.....	7	14.3	16.5	*	14.3	22.7	*	14.3	27.2	*
Chronic Obstructive Pulmonary Disease.....	2	50.0	4.0	*	50.0	8.3	*	50.0	12.3	*
Transient Cerebral Ischemia.....	1	0.0	1.9	*	0.0	4.4	*	0.0	7.3	*
Stroke.....	3	0.0	21.9	*	0.0	29.9	*	33.3	35.7	*
Hip Fracture.....	2	0.0	2.5	*	0.0	5.4	*	0.0	7.9	*
Sepsis.....	1	0.0	25.8	*	0.0	32.4	*	0.0	38.6	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	2	0.0	2.1	*	0.0	4.8	*	0.0	7.2	*
Prostatectomy.....	3	0.0	0.3	*	0.0	0.6	*	0.0	1.1	*
Cholecystectomy.....	1	0.0	5.7	*	0.0	12.2	*	0.0	17.8	*
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 34
 Occupancy Rate..... 27
 Ownership/Control..... Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 4
 Percent of Physicians Board Certified Specialists..... 100
 Medical Residents/Interns..... 0
 Registered Nurses..... 10
 Licensed Practical Nurses..... 4

SPECIALTY SERVICES:

Burn Unit..... No
 Cardiac Intensive Care..... No
 Comprehensive Geriatric..... No
 Hospice Care..... Yes
 Medical/Surgical Intensive Care..... Yes
 Organ/Tissue Transplant..... No
 Other Intensive Care..... No
 Rehabilitation Unit..... No
 Trauma Center..... No

** Not used in calculating hospital mortality rates.

ELDORA COMMUNITY HOSPITAL

Medicare Provider Number: 160085

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	96	11.5	9.2	3.6	15.6	13.5	4.3	19.8	17.2	5.0
CONDITIONS:										
Acute Myocardial Infarction.....	7	57.1	25.2	*	57.1	28.9	*	57.1	32.1	*
Congestive Heart Failure.....	5	0.0	15.9	*	20.0	25.2	*	60.0	32.9	*
Pneumonia/Influenza.....	6	0.0	10.9	*	0.0	15.6	*	0.0	19.4	*
Chronic Obstructive Pulmonary Disease.....	1	0.0	4.0	*	0.0	7.4	*	0.0	10.5	*
Transient Cerebral Ischemia.....	0									
Stroke.....	8	25.0	16.2	*	25.0	22.7	#	37.5	27.8	*
Hip Fracture.....	2	0.0	1.7	*	0.0	3.7	*	0.0	5.4	*
Sepsis.....	2	0.0	25.4	#	0.0	30.6	*	0.0	36.7	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	1	0.0	1.3	*	0.0	3.0	*	0.0	4.5	*
Open Reduction of Hip Fracture.....	1	0.0	1.8	*	0.0	3.9	*	0.0	5.7	*
Prostatectomy.....	5	0.0	0.4	*	0.0	1.0	*	0.0	1.7	*
Cholecystectomy.....	1	0.0	0.8	*	0.0	1.6	*	0.0	2.1	*
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	75	13.3	7.8	4.8	17.3	12.4	5.0	20.0	16.1	4.7
CONDITIONS:										
Acute Myocardial Infarction.....	1	100.0	30.5	*	100.0	34.2	*	100.0	39.1	*
Congestive Heart Failure.....	2	0.0	27.4	*	50.0	42.9	*	50.0	52.7	*
Pneumonia/Influenza.....	6	33.3	13.9	*	33.3	19.2	*	33.3	23.6	*
Chronic Obstructive Pulmonary Disease.....	2	50.0	4.3	*	50.0	9.1	#	50.0	14.0	*
Transient Cerebral Ischemia.....	0									
Stroke.....	6	16.7	15.3	*	16.7	21.8	*	33.3	26.5	*
Hip Fracture.....	7	0.0	4.8	*	28.6	9.7	*	28.6	13.4	*
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	1	0.0	4.8	*	100.0	9.9	*	100.0	13.4	*
Open Reduction of Hip Fracture.....	6	0.0	4.0	*	16.7	8.6	*	16.7	12.2	*
Prostatectomy.....	2	0.0	0.2	*	0.0	0.5	*	0.0	0.9	*
Cholecystectomy.....	0									
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

ELLSWORTH MUNICIPAL HOSPITAL

110 Rocksylvania Ave
Iowa Falls, IA 50126

Medicare Provider Number: 160034

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	266	9.0	10.3	2.1	14.3	14.8	2.9	16.5	18.5	4.0
CONDITIONS:										
Acute Myocardial Infarction.....	14	35.7	31.1	*	35.7	34.2	*	35.7	37.7	*
Congestive Heart Failure.....	15	6.7	12.8	*	20.0	20.1	*	20.0	26.5	*
Pneumonia/Influenza.....	23	8.7	14.2	*	13.0	19.3	*	17.4	23.6	*
Chronic Obstructive Pulmonary Disease.....	1	0.0	9.4	*	0.0	22.1	*	0.0	33.4	*
Transient Cerebral Ischemia.....	2	0.0	2.0	*	50.0	4.8	*	50.0	7.4	*
Stroke.....	13	15.4	19.7	*	15.4	26.2	*	23.1	30.9	*
Hip Fracture.....	8	0.0	6.4	*	12.5	11.4	*	12.5	14.7	*
Sepsis.....	2	50.0	28.7	*	50.0	32.9	*	50.0	37.5	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	7	0.0	5.3	*	14.3	10.1	*	14.3	13.3	*
Prostatectomy.....	0									
Cholecystectomy.....	5	0.0	1.4	*	0.0	2.4	*	0.0	3.1	*
Hysterectomy.....	3	0.0	0.4	*	0.0	0.7	*	0.0	1.0	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 42
Occupancy Rate..... 45
Ownership/Control..... Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 10
Percent of Physicians Board Certified Specialists..... 90
Medical Residents/Interns..... 0
Registered Nurses..... 27
Licensed Practical Nurses..... 6

SPECIALTY SERVICES:

Burn Unit..... No
Cardiac Intensive Care..... No
Comprehensive Geriatric..... No
Hospice Care..... No
Medical/Surgical Intensive Care..... Yes
Organ/Tissue Transplant..... No
Other Intensive Care..... No
Rehabilitation Unit..... No
Trauma Center..... No

** Not used in calculating hospital mortality rates.

ELLSWORTH MUNICIPAL HOSPITAL

Medicare Provider Number: 160034

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	284	9.5	9.7	2.9	15.5	14.4	2.7	19.7	18.1	3.2
CONDITIONS:										
Acute Myocardial Infarction.....	10	40.0	28.8	*	40.0	33.9	*	40.0	38.2	*
Congestive Heart Failure.....	17	23.5	17.4	*	35.3	26.9	*	58.8	34.3	*
Pneumonia/Influenza.....	23	21.7	15.3	*	21.7	21.2	*	21.7	25.9	*
Chronic Obstructive Pulmonary Disease.....	3	0.0	4.2	*	0.0	8.9	*	0.0	13.4	*
Transient Cerebral Ischemia.....	5	0.0	1.2	*	20.0	2.6	*	20.0	4.0	*
Stroke.....	17	17.6	22.0	*	17.6	28.8	*	23.5	33.8	*
Hip Fracture.....	6	0.0	4.8	*	0.0	9.6	*	0.0	13.2	*
Sepsis.....	2	0.0	27.6	*	50.0	32.8	*	50.0	39.3	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	5	0.0	4.3	*	0.0	9.0	*	0.0	12.5	*
Prostatectomy.....	0									
Cholecystectomy.....	6	16.7	1.5	*	16.7	2.7	*	16.7	3.5	*
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	278	11.9	10.7	2.0	14.4	16.1	2.5	19.4	20.3	2.5
CONDITIONS:										
Acute Myocardial Infarction.....	14	14.3	32.6	*	14.3	36.0	*	28.6	39.5	*
Congestive Heart Failure.....	17	29.4	15.1	*	47.1	23.3	*	52.9	30.4	*
Pneumonia/Influenza.....	21	4.8	12.6	*	9.5	17.3	*	14.3	21.5	*
Chronic Obstructive Pulmonary Disease.....	3	33.3	8.6	*	33.3	13.9	*	33.3	18.0	*
Transient Cerebral Ischemia.....	0									
Stroke.....	20	20.0	16.5	*	20.0	23.1	*	25.0	27.9	*
Hip Fracture.....	1	0.0	4.2	*	0.0	8.8	*	0.0	12.5	*
Sepsis.....	2	0.0	24.2	*	0.0	28.8	*	0.0	34.2	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	1	0.0	3.6	*	0.0	7.9	*	0.0	11.5	*
Prostatectomy.....	0									
Cholecystectomy.....	8	0.0	1.8	*	0.0	3.2	*	0.0	4.2	*
Hysterectomy.....	2	0.0	0.2	*	0.0	0.4	*	0.0	0.6	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FINLEY HOSPITAL

350 N Grandview

Dubuque, IA 52001

Medicare Provider Number: 160117

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,292	6.9	8.4	1.4	11.8	13.2	1.6	15.3	17.0	1.6
CONDITIONS:										
Acute Myocardial Infarction.....	35	25.7	28.1	*	25.7	31.6	*	25.7	35.2	*
Congestive Heart Failure.....	63	11.1	15.3	9.1	15.9	23.6	11.9	23.8	30.4	12.3
Pneumonia/Influenza.....	41	22.0	18.3	*	26.8	25.3	*	39.0	30.6	*
Chronic Obstructive Pulmonary Disease.....	17	0.0	6.2	*	11.8	11.7	*	17.6	16.9	*
Transient Cerebral Ischemia.....	27	0.0	1.7	*	0.0	3.8	*	0.0	6.0	*
Stroke.....	42	21.4	22.8	*	26.2	30.0	*	33.3	34.7	*
Hip Fracture.....	44	9.1	5.8	*	11.4	10.5	*	18.2	13.8	*
Sepsis.....	7	28.6	33.9	*	71.4	42.8	*	71.4	51.1	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	5	0.0	3.6	*	0.0	7.4	*	0.0	11.3	*
Carotid Endarterectomy.....	6	0.0	2.3	*	0.0	4.3	*	0.0	6.3	*
Hip Replacement/Reconstruction.....	37	2.7	3.1	*	5.4	5.9	*	10.8	8.0	*
Open Reduction of Hip Fracture.....	26	7.7	4.8	*	7.7	9.2	*	11.5	12.2	*
Prostatectomy.....	61	0.0	1.4	*	0.0	3.4	*	0.0	5.6	*
Cholecystectomy.....	22	0.0	2.0	*	4.5	3.2	*	9.1	4.0	*
Hysterectomy.....	13	0.0	0.7	*	0.0	1.4	*	0.0	2.1	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 158
 Occupancy Rate..... (Not Available)
 Ownership/Control..... Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 122
 Percent of Physicians Board Certified Specialists..... 77
 Medical Residents/Interns..... 0
 Registered Nurses..... 175
 Licensed Practical Nurses..... 25

SPECIALTY SERVICES:

Burn Unit..... No
 Cardiac Intensive Care..... No
 Comprehensive Geriatric..... No
 Hospice Care..... No
 Medical/Surgical Intensive Care..... Yes
 Organ/Tissue Transplant..... Yes
 Other Intensive Care..... No
 Rehabilitation Unit..... No
 Trauma Center..... No

** Not used in calculating hospital mortality rates.

FINLEY HOSPITAL
Medicare Provider Number: 160117

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,264	6.7	8.8	1.3	11.9	13.7	1.3	16.1	17.6	1.3
CONDITIONS:										
Acute Myocardial Infarction.....	20	30.0	27.2	*	30.0	31.4	*	40.0	35.1	*
Congestive Heart Failure.....	35	11.4	15.1	*	22.9	22.5	*	31.4	28.9	*
Pneumonia/Influenza.....	47	10.6	15.1	*	10.6	20.4	*	19.1	24.7	*
Chronic Obstructive Pulmonary Disease.....	17	17.6	15.7	*	29.4	26.4	*	41.2	34.9	*
Transient Cerebral Ischemia.....	25	12.0	2.2	*	12.0	4.9	*	12.0	7.8	*
Stroke.....	56	12.5	21.0	7.0	23.2	27.3	6.6	25.0	31.8	7.4
Hip Fracture.....	35	2.9	9.0	*	8.6	16.0	*	20.0	20.2	*
Sepsis.....	7	28.6	36.4	*	42.9	48.6	*	42.9	56.4	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	10	0.0	4.5	*	0.0	7.8	*	0.0	10.7	*
Carotid Endarterectomy.....	6	16.7	1.8	*	16.7	3.3	*	16.7	5.0	*
Hip Replacement/Reconstruction.....	37	0.0	3.1	*	2.7	5.9	*	5.4	7.7	*
Open Reduction of Hip Fracture.....	23	4.3	8.5	*	8.7	15.6	*	21.7	20.2	*
Prostatectomy.....	53	0.0	1.8	*	0.0	4.1	*	0.0	6.7	*
Cholecystectomy.....	36	0.0	3.6	*	0.0	6.0	*	2.8	7.7	*
Hysterectomy.....	13	0.0	1.0	*	0.0	2.0	*	0.0	2.8	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,424	8.4	9.1	1.0	11.9	14.1	1.2	15.2	18.0	1.4
CONDITIONS:										
Acute Myocardial Infarction.....	27	22.2	31.0	*	33.3	34.8	*	37.0	38.8	*
Congestive Heart Failure.....	49	32.7	17.7	*	34.7	26.4	*	40.8	33.7	*
Pneumonia/Influenza.....	38	5.3	17.2	*	13.2	23.6	*	15.8	28.9	*
Chronic Obstructive Pulmonary Disease.....	14	14.3	10.8	*	21.4	18.6	*	21.4	25.0	*
Transient Cerebral Ischemia.....	42	0.0	2.4	*	0.0	5.0	*	0.0	8.0	*
Stroke.....	51	13.7	27.0	10.2	23.5	33.3	10.7	29.4	37.9	8.8
Hip Fracture.....	37	10.8	6.7	*	18.9	11.8	*	18.9	15.2	*
Sepsis.....	12	33.3	35.6	*	33.3	45.3	*	41.7	52.3	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	17	0.0	2.4	*	5.9	5.1	*	5.9	7.7	*
Carotid Endarterectomy.....	15	0.0	2.1	*	0.0	4.0	*	0.0	5.8	*
Hip Replacement/Reconstruction.....	46	2.2	3.3	*	4.3	6.3	*	4.3	8.7	*
Open Reduction of Hip Fracture.....	23	8.7	5.8	*	13.0	11.0	*	13.0	14.4	*
Prostatectomy.....	58	0.0	1.6	*	1.7	3.7	*	1.7	6.0	*
Cholecystectomy.....	22	4.5	3.1	*	9.1	5.4	*	9.1	7.0	*
Hysterectomy.....	11	0.0	1.1	*	0.0	2.1	*	0.0	3.1	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FLOYD COUNTY MEMORIAL HOSPITAL

11th & S Main St
Charles City, IA 50616

Medicare Provider Number: 160037

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	437	10.1	10.8	1.6	15.8	15.6	2.1	19.7	19.5	1.9
CONDITIONS:										
Acute Myocardial Infarction.....	33	18.2	30.5	*	24.2	34.5	*	27.3	38.4	*
Congestive Heart Failure.....	24	4.2	14.1	*	16.7	20.9	*	20.8	27.4	*
Pneumonia/Influenza.....	37	16.2	16.6	*	18.9	23.0	*	24.3	27.7	*
Chronic Obstructive Pulmonary Disease.....	9	22.2	6.5	*	33.3	12.3	*	33.3	17.1	*
Transient Cerebral Ischemia.....	6	0.0	2.0	*	0.0	4.6	*	0.0	7.4	*
Stroke.....	22	22.7	20.9	*	31.8	28.0	*	31.8	32.9	*
Hip Fracture.....	7	14.3	6.3	*	14.3	12.4	*	14.3	16.9	*
Sepsis.....	2	0.0	10.8	*	0.0	15.3	*	0.0	19.2	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	2	0.0	17.3	*	0.0	22.6	*	50.0	27.0	*
Open Reduction of Hip Fracture.....	4	0.0	4.8	*	0.0	9.9	*	0.0	13.9	*
Prostatectomy.....	13	0.0	1.1	*	0.0	2.6	*	7.7	4.4	*
Cholecystectomy.....	6	0.0	4.4	*	0.0	7.5	*	0.0	9.4	*
Hysterectomy.....	2	0.0	0.1	*	0.0	0.2	*	0.0	0.3	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 38
Occupancy Rate..... 53
Ownership/Control..... Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 12
Percent of Physicians Board Certified Specialists..... 100
Medical Residents/Interns..... 0
Registered Nurses..... 40
Licensed Practical Nurses..... 6

SPECIALTY SERVICES:

Burn Unit..... No
Cardiac Intensive Care..... No
Comprehensive Geriatric..... No
Hospice Care..... No
Medical/Surgical Intensive Care..... Yes
Organ/Tissue Transplant..... No
Other Intensive Care..... No
Rehabilitation Unit..... No
Trauma Center..... No

** Not used in calculating hospital mortality rates.

FLOYD COUNTY MEMORIAL HOSPITAL

Medicare Provider Number: 160037

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	484	10.3	8.6	1.7	16.3	13.0	2.4	19.0	16.4	2.2
CONDITIONS:										
Acute Myocardial Infarction.....	17	47.1	27.9	*	47.1	31.7	*	52.9	35.1	*
Congestive Heart Failure.....	32	9.4	17.8	*	15.6	26.6	*	21.9	33.9	*
Pneumonia/Influenza.....	33	15.2	18.4	*	27.3	25.1	*	36.4	30.2	*
Chronic Obstructive Pulmonary Disease.....	9	0.0	5.7	*	0.0	10.8	*	11.1	15.5	*
Transient Cerebral Ischemia.....	12	0.0	2.0	*	0.0	4.6	*	8.3	7.3	*
Stroke.....	17	29.4	23.6	*	41.2	31.6	*	41.2	36.9	*
Hip Fracture.....	11	9.1	3.7	*	9.1	7.3	*	9.1	10.1	*
Sepsis.....	2	50.0	30.6	*	50.0	39.9	*	50.0	47.0	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	10	10.0	2.0	*	10.0	4.2	*	10.0	5.8	*
Open Reduction of Hip Fracture.....	3	0.0	3.5	*	0.0	7.1	*	0.0	9.8	*
Prostatectomy.....	18	0.0	1.7	*	0.0	4.1	*	5.6	6.6	*
Cholecystectomy.....	10	10.0	1.7	*	10.0	2.8	*	10.0	3.6	*
Hysterectomy.....	5	0.0	0.8	*	0.0	1.9	*	0.0	3.4	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	492	10.8	8.7	2.2	13.6	13.0	1.6	16.5	16.5	1.7
CONDITIONS:										
Acute Myocardial Infarction.....	23	30.4	28.1	*	34.8	31.4	*	34.8	35.0	*
Congestive Heart Failure.....	36	25.0	16.1	*	30.6	23.8	*	33.3	30.5	*
Pneumonia/Influenza.....	27	14.8	14.5	*	18.5	19.6	*	18.5	24.0	*
Chronic Obstructive Pulmonary Disease.....	7	14.3	12.4	*	14.3	20.3	*	14.3	25.7	*
Transient Cerebral Ischemia.....	11	0.0	1.8	*	0.0	3.9	*	0.0	6.3	*
Stroke.....	17	29.4	20.7	*	35.3	26.9	*	35.3	31.8	*
Hip Fracture.....	8	12.5	7.9	*	25.0	14.4	*	25.0	18.5	*
Sepsis.....	5	20.0	28.9	*	20.0	34.2	*	20.0	39.6	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	7	0.0	3.1	*	0.0	6.2	*	0.0	8.4	*
Open Reduction of Hip Fracture.....	2	50.0	5.3	*	50.0	11.5	*	50.0	16.5	*
Prostatectomy.....	24	0.0	1.2	*	0.0	2.9	*	4.2	4.7	*
Cholecystectomy.....	8	0.0	1.6	*	0.0	2.6	*	0.0	3.3	*
Hysterectomy.....	6	0.0	0.3	*	0.0	0.5	*	0.0	0.7	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FLOYD VALLEY HOSPITAL

714 Lincoln St
Le Mars, IA 51031

Medicare Provider Number: 160140

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	394	9.4	9.0	1.9	15.5	13.9	2.5	18.8	18.0	2.4
CONDITIONS:										
Acute Myocardial Infarction.....	10	40.0	25.9	*	40.0	29.5	*	40.0	33.2	*
Congestive Heart Failure.....	41	19.5	14.1	*	24.4	22.5	*	26.8	29.7	*
Pneumonia/Influenza.....	38	15.8	16.6	*	34.2	23.0	*	36.8	28.0	*
Chronic Obstructive Pulmonary Disease.....	4	0.0	5.0	*	0.0	9.8	*	50.0	14.5	*
Transient Cerebral Ischemia.....	5	0.0	1.9	*	0.0	4.6	*	0.0	7.5	*
Stroke.....	17	17.6	19.6	*	29.4	25.8	*	35.3	30.6	*
Hip Fracture.....	1	0.0	5.2	*	0.0	10.9	*	0.0	15.3	*
Sepsis.....	7	14.3	37.0	*	14.3	45.6	*	14.3	52.7	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	10	0.0	0.8	*	0.0	1.8	*	0.0	3.0	*
Cholecystectomy.....	16	0.0	1.8	*	0.0	3.0	*	0.0	3.8	*
Hysterectomy.....	2	0.0	0.6	*	0.0	1.1	*	0.0	1.5	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 44
Occupancy Rate..... 55
Ownership/Control..... Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 19
Percent of Physicians Board Certified Specialists..... (Not Available)
Medical Residents/Interns..... 0
Registered Nurses..... 31
Licensed Practical Nurses..... 0

SPECIALTY SERVICES:

Burn Unit..... No
Cardiac Intensive Care..... Yes
Comprehensive Geriatric..... No
Hospice Care..... No
Medical/Surgical Intensive Care..... No
Organ/Tissue Transplant..... No
Other Intensive Care..... No
Rehabilitation Unit..... No
Trauma Center..... No

** Not used in calculating hospital mortality rates.

FLOYD VALLEY HOSPITAL

Medicare Provider Number: 160140

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	370	11.9	9.3	2.1	15.9	14.1	2.1	18.6	17.9	2.0
CONDITIONS:										
Acute Myocardial Infarction.....	7	42.9	20.8	*	42.9	23.7	*	42.9	26.6	*
Congestive Heart Failure.....	21	23.8	15.1	*	23.8	23.6	*	23.8	30.3	*
Pneumonia/Influenza.....	27	14.8	16.7	*	25.9	23.2	*	25.9	28.2	*
Chronic Obstructive Pulmonary Disease.....	6	0.0	6.4	*	0.0	11.9	*	16.7	17.0	*
Transient Cerebral Ischemia.....	7	0.0	2.2	*	0.0	5.1	*	0.0	8.3	*
Stroke.....	20	30.0	21.3	*	35.0	27.4	*	45.0	32.2	*
Hip Fracture.....	0									
Sepsis.....	13	7.7	19.3	*	15.4	26.4	*	23.1	32.5	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	12	0.0	0.9	*	0.0	2.1	*	8.3	3.5	*
Cholecystectomy.....	17	5.9	2.6	*	11.8	4.5	*	11.8	5.7	*
Hysterectomy.....	4	0.0	1.0	*	0.0	2.0	*	0.0	2.8	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	343	9.3	9.4	1.8	13.7	13.6	1.9	16.3	17.1	2.1
CONDITIONS:										
Acute Myocardial Infarction.....	16	18.8	32.7	*	31.3	37.2	*	31.3	41.4	*
Congestive Heart Failure.....	23	21.7	14.8	*	26.1	22.2	*	34.8	28.7	*
Pneumonia/Influenza.....	17	17.6	16.7	*	17.6	22.8	*	29.4	28.0	*
Chronic Obstructive Pulmonary Disease.....	8	25.0	12.5	*	25.0	19.4	*	25.0	24.5	*
Transient Cerebral Ischemia.....	5	0.0	1.6	*	0.0	3.3	*	0.0	5.0	*
Stroke.....	9	0.0	24.2	*	11.1	31.2	*	22.2	36.4	*
Hip Fracture.....	0									
Sepsis.....	8	25.0	17.5	*	37.5	24.0	*	37.5	29.3	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	24	0.0	1.0	*	0.0	2.4	*	0.0	4.0	*
Cholecystectomy.....	16	0.0	1.8	*	0.0	3.1	*	0.0	4.1	*
Hysterectomy.....	2	0.0	3.6	*	0.0	8.0	*	0.0	12.2	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FOREST CITY COMMUNITY HOSPITAL

Highway 9 East
Forest City, IA 50436

Medicare Provider Number: 160141

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	112	7.1	9.0	3.3	11.6	13.3	3.4	12.5	16.8	4.7
CONDITIONS:										
Acute Myocardial Infarction.....	8	12.5	30.5	*	12.5	34.4	*	12.5	38.6	*
Congestive Heart Failure.....	11	18.2	18.0	*	27.3	25.9	*	27.3	32.6	*
Pneumonia/Influenza.....	10	20.0	16.4	*	40.0	24.2	*	40.0	29.3	*
Chronic Obstructive Pulmonary Disease.....	2	0.0	5.7	*	0.0	10.5	*	0.0	15.2	*
Transient Cerebral Ischemia.....	1	0.0	2.5	*	0.0	5.4	*	0.0	8.5	*
Stroke.....	3	0.0	15.7	*	0.0	20.7	*	0.0	24.8	*
Hip Fracture.....	0									
Sepsis.....	2	0.0	12.7	*	0.0	16.3	*	0.0	19.5	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	5	0.0	2.1	*	20.0	4.0	*	40.0	5.3	*
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 45
Occupancy Rate..... 53
Ownership/Control..... Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 26
Percent of Physicians Board Certified Specialists..... (Not Available)
Medical Residents/Interns..... 0
Registered Nurses..... 18
Licensed Practical Nurses..... 4

SPECIALTY SERVICES:

Burn Unit..... No
Cardiac Intensive Care..... No
Comprehensive Geriatric..... No
Hospice Care..... No
Medical/Surgical Intensive Care..... Yes
Organ/Tissue Transplant..... No
Other Intensive Care..... No
Rehabilitation Unit..... No
Trauma Center..... No

** Not used in calculating hospital mortality rates.

FOREST CITY COMMUNITY HOSPITAL

Medicare Provider Number: 160141

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	95	4.2	8.7	5.0	6.3	12.6	6.1	9.5	16.1	6.4
CONDITIONS:										
Acute Myocardial Infarction.....	7	14.3	28.1	*	28.6	31.0	*	42.9	34.1	*
Congestive Heart Failure.....	5	20.0	14.2	*	20.0	21.2	*	20.0	27.2	*
Pneumonia/Influenza.....	7	0.0	18.8	*	0.0	25.5	*	0.0	30.8	*
Chronic Obstructive Pulmonary Disease.....	2	50.0	12.5	*	50.0	18.8	*	50.0	23.0	*
Transient Cerebral Ischemia.....	1	0.0	1.4	*	0.0	3.1	*	0.0	4.8	*
Stroke.....	2	0.0	21.3	*	0.0	27.7	*	0.0	32.0	*
Hip Fracture.....	0									
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	4	0.0	6.3	*	0.0	10.9	*	0.0	13.7	*
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	85	5.9	8.4	3.2	7.1	12.4	4.3	10.6	15.9	4.8
CONDITIONS:										
Acute Myocardial Infarction.....	5	0.0	26.1	*	0.0	28.5	*	0.0	31.3	*
Congestive Heart Failure.....	6	0.0	16.1	*	0.0	23.8	*	0.0	30.4	*
Pneumonia/Influenza.....	3	0.0	12.4	*	0.0	18.0	*	0.0	22.6	*
Chronic Obstructive Pulmonary Disease.....	2	50.0	14.2	*	50.0	22.0	*	50.0	27.0	*
Transient Cerebral Ischemia.....	2	0.0	2.6	*	0.0	5.4	*	50.0	8.6	*
Stroke.....	5	60.0	21.2	*	60.0	27.4	*	60.0	32.2	*
Hip Fracture.....	0									
Sepsis.....	1	0.0	18.5	*	0.0	25.2	*	0.0	30.7	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	1	0.0	1.0	*	0.0	1.9	*	0.0	2.6	*
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FRANKLIN GENERAL HOSPITAL

1720 Central Ave East
Hampton, IA 50441

Medicare Provider Number: 160036

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	181	13.8	12.6	2.6	16.0	17.8	3.0	18.8	21.9	3.4
CONDITIONS:										
Acute Myocardial Infarction.....	14	14.3	25.8	*	21.4	29.0	*	21.4	32.0	*
Congestive Heart Failure.....	11	27.3	17.6	*	27.3	26.7	*	36.4	34.0	*
Pneumonia/Influenza.....	26	11.5	13.3	*	19.2	18.2	*	19.2	22.1	*
Chronic Obstructive Pulmonary Disease.....	3	33.3	3.7	*	33.3	6.9	*	33.3	10.0	*
Transient Cerebral Ischemia.....	3	0.0	1.7	*	0.0	3.9	*	0.0	6.3	*
Stroke.....	7	14.3	21.7	*	14.3	27.4	*	28.6	31.9	*
Hip Fracture.....	0									
Sepsis.....	2	0.0	16.6	*	0.0	21.8	*	0.0	26.5	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	2	0.0	0.6	*	0.0	1.4	*	0.0	2.3	*
Cholecystectomy.....	4	0.0	2.2	*	0.0	3.7	*	0.0	4.7	*
Hysterectomy.....	1	0.0	0.4	*	0.0	0.6	*	0.0	0.8	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 92
Occupancy Rate..... 69
Ownership/Control..... Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... (Not Available)
Percent of Physicians Board Certified Specialists..... (Not Available)
Medical Residents/Interns..... 0
Registered Nurses..... 16
Licensed Practical Nurses..... 1

SPECIALTY SERVICES:

Burn Unit..... No
Cardiac Intensive Care..... No
Comprehensive Geriatric..... No
Hospice Care..... No
Medical/Surgical Intensive Care..... Yes
Organ/Tissue Transplant..... No
Other Intensive Care..... No
Rehabilitation Unit..... No
Trauma Center..... No

** Not used in calculating hospital mortality rates.

FRANKLIN GENERAL HOSPITAL

Medicare Provider Number: 160036

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	222	13.5	13.6	2.5	20.7	19.5	2.8	26.6	23.9	3.4
CONDITIONS:										
Acute Myocardial Infarction.....	16	37.5	37.6	*	50.0	41.2	*	50.0	44.4	*
Congestive Heart Failure.....	19	26.3	18.8	*	31.6	27.9	*	42.1	35.0	*
Pneumonia/Influenza.....	10	30.0	16.7	*	30.0	22.6	*	30.0	27.3	*
Chronic Obstructive Pulmonary Disease.....	2	0.0	19.3	*	0.0	25.8	*	0.0	30.2	*
Transient Cerebral Ischemia.....	1	0.0	4.5	*	0.0	11.0	*	0.0	16.8	*
Stroke.....	12	33.3	18.6	*	33.3	23.6	*	33.3	28.0	*
Hip Fracture.....	3	0.0	17.4	*	33.3	29.5	*	33.3	35.6	*
Sepsis.....	4	0.0	19.5	*	25.0	24.6	*	25.0	29.7	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	2	0.0	18.3	*	50.0	31.9	*	50.0	38.6	*
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	6	0.0	1.2	*	16.7	2.9	*	33.3	4.9	*
Cholecystectomy.....	3	0.0	4.8	*	0.0	9.8	*	0.0	13.3	*
Hysterectomy.....	1	0.0	0.1	*	0.0	0.2	*	0.0	0.4	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	255	15.7	12.5	2.6	20.8	18.0	2.9	22.7	22.3	2.6
CONDITIONS:										
Acute Myocardial Infarction.....	10	40.0	38.5	*	40.0	41.3	*	40.0	44.8	*
Congestive Heart Failure.....	26	7.7	19.7	*	19.2	29.3	*	26.9	36.9	*
Pneumonia/Influenza.....	14	21.4	15.3	*	28.6	20.8	*	28.6	25.4	*
Chronic Obstructive Pulmonary Disease.....	2	0.0	6.7	*	50.0	15.1	*	50.0	23.2	*
Transient Cerebral Ischemia.....	2	0.0	1.6	*	0.0	3.4	*	0.0	5.2	*
Stroke.....	12	41.7	24.4	*	50.0	30.5	*	50.0	35.4	*
Hip Fracture.....	1	100.0	5.1	*	100.0	9.8	*	100.0	13.3	*
Sepsis.....	1	0.0	35.1	*	0.0	42.2	*	0.0	49.6	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	1	100.0	4.3	*	100.0	8.9	*	100.0	12.4	*
Prostatectomy.....	7	0.0	1.9	*	0.0	4.5	*	0.0	7.4	*
Cholecystectomy.....	9	0.0	4.3	*	22.2	8.4	*	22.2	11.3	*
Hysterectomy.....	3	0.0	4.7	*	0.0	10.7	*	0.0	15.9	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FT MADISON COMMUNITY HOSPITAL

5445 Avenue O Box 174

Fort Madison, IA 52627

Medicare Provider Number: 160122

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	519	11.9	9.5	2.1	17.3	14.2	2.3	20.6	18.0	2.5
CONDITIONS:										
Acute Myocardial Infarction.....	21	23.8	26.3	*	28.6	29.4	*	33.3	32.7	*
Congestive Heart Failure.....	29	24.1	16.2	*	34.5	25.9	*	44.8	33.6	*
Pneumonia/Influenza.....	33	30.3	16.3	*	42.4	22.6	*	45.5	27.5	*
Chronic Obstructive Pulmonary Disease.....	4	0.0	6.9	*	0.0	13.3	*	0.0	19.5	*
Transient Cerebral Ischemia.....	11	0.0	2.7	*	9.1	6.2	*	9.1	10.1	*
Stroke.....	13	15.4	18.2	*	15.4	23.8	*	23.1	28.1	*
Hip Fracture.....	15	13.3	5.7	*	13.3	10.6	*	13.3	14.1	*
Sepsis.....	5	20.0	26.0	*	40.0	32.6	*	40.0	39.0	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	6	0.0	3.9	*	0.0	7.5	*	0.0	9.9	*
Open Reduction of Hip Fracture.....	4	25.0	6.0	*	25.0	11.3	*	25.0	14.9	*
Prostatectomy.....	15	0.0	1.1	*	0.0	2.7	*	0.0	4.5	*
Cholecystectomy.....	15	6.7	2.2	*	6.7	4.0	*	6.7	5.3	*
Hysterectomy.....	1	0.0	0.6	*	0.0	1.1	*	0.0	1.5	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 50
 Occupancy Rate..... 58
 Ownership/Control..... Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 23
 Percent of Physicians Board Certified Specialists..... 48
 Medical Residents/Interns..... 0
 Registered Nurses..... 43
 Licensed Practical Nurses..... 7

SPECIALTY SERVICES:

Burn Unit..... No
 Cardiac Intensive Care..... No
 Comprehensive Geriatric..... No
 Hospice Care..... No
 Medical/Surgical Intensive Care..... Yes
 Organ/Tissue Transplant..... No
 Other Intensive Care..... No
 Rehabilitation Unit..... No
 Trauma Center..... No

** Not used in calculating hospital mortality rates.

FT MADISON COMMUNITY HOSPITAL

Medicare Provider Number: 160122

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	554	13.5	11.0	2.0	17.7	16.3	2.2	22.0	20.4	2.0
CONDITIONS:										
Acute Myocardial Infarction.....	32	46.9	27.8	*	50.0	31.3	*	50.0	35.0	*
Congestive Heart Failure.....	41	17.1	18.5	*	26.8	28.1	*	34.1	35.6	*
Pneumonia/Influenza.....	43	14.0	13.3	*	16.3	18.2	*	20.9	22.3	*
Chronic Obstructive Pulmonary Disease.....	4	0.0	4.0	*	0.0	7.9	*	0.0	11.7	*
Transient Cerebral Ischemia.....	10	0.0	2.0	*	0.0	4.2	*	10.0	6.6	*
Stroke.....	27	33.3	20.2	*	37.0	26.9	*	40.7	31.7	*
Hip Fracture.....	17	5.9	5.4	*	5.9	9.9	*	5.9	12.8	*
Sepsis.....	3	33.3	24.6	*	33.3	31.2	*	33.3	37.4	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	7	0.0	6.2	*	0.0	8.3	*	0.0	10.4	*
Carotid Endarterectomy.....	1	0.0	1.1	*	0.0	2.0	*	0.0	2.9	*
Hip Replacement/Reconstruction.....	5	20.0	3.8	*	20.0	6.9	*	20.0	8.7	*
Open Reduction of Hip Fracture.....	7	0.0	3.4	*	0.0	6.6	*	0.0	8.8	*
Prostatectomy.....	22	0.0	1.1	*	0.0	2.5	*	4.5	4.1	*
Cholecystectomy.....	12	0.0	3.2	*	16.7	6.2	*	25.0	8.8	*
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	509	8.8	9.0	1.3	13.2	13.6	1.9	16.1	17.4	2.1
CONDITIONS:										
Acute Myocardial Infarction.....	25	32.0	24.3	*	36.0	27.6	*	36.0	31.3	*
Congestive Heart Failure.....	34	11.8	15.7	*	26.5	24.1	*	29.4	31.0	*
Pneumonia/Influenza.....	22	9.1	14.1	*	18.2	19.1	*	22.7	23.5	*
Chronic Obstructive Pulmonary Disease.....	11	0.0	8.4	*	0.0	14.2	*	9.1	19.0	*
Transient Cerebral Ischemia.....	14	0.0	1.9	*	7.1	4.1	*	7.1	6.6	*
Stroke.....	25	20.0	20.4	*	20.0	26.3	*	20.0	30.9	*
Hip Fracture.....	3	0.0	4.7	*	0.0	9.3	*	0.0	12.7	*
Sepsis.....	4	25.0	27.2	*	50.0	33.4	*	75.0	38.4	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	1	0.0	1.4	*	0.0	3.6	*	0.0	6.1	*
Carotid Endarterectomy.....	1	0.0	1.0	*	0.0	1.7	*	0.0	2.4	*
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	1	0.0	2.5	*	0.0	5.2	*	0.0	7.4	*
Prostatectomy.....	33	0.0	1.1	*	0.0	2.5	*	3.0	4.2	*
Cholecystectomy.....	7	0.0	1.2	*	0.0	2.1	*	0.0	2.8	*
Hysterectomy.....	1	0.0	0.4	*	0.0	0.8	*	0.0	1.0	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

GRAPE COMMUNITY HOSPITAL

Highway 275 North Box 246

Hamburg, IA 51640

Medicare Provider Number: 160099

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	182	13.2	11.9	3.0	18.1	16.9	4.4	26.9	20.9	4.9
CONDITIONS:										
Acute Myocardial Infarction.....	10	40.0	18.3	*	50.0	21.5	*	60.0	24.8	*
Congestive Heart Failure.....	18	5.6	10.7	*	5.6	16.7	*	5.6	22.2	*
Pneumonia/Influenza.....	16	18.8	14.0	*	25.0	18.9	*	25.0	23.1	*
Chronic Obstructive Pulmonary Disease.....	1	0.0	25.8	*	0.0	47.1	*	0.0	62.3	*
Transient Cerebral Ischemia.....	0									
Stroke.....	7	14.3	23.4	*	14.3	31.7	*	28.6	37.4	*
Hip Fracture.....	6	0.0	7.6	*	0.0	14.2	*	33.3	18.5	*
Sepsis.....	2	0.0	37.5	*	50.0	49.5	*	50.0	56.9	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	2	0.0	6.7	*	0.0	13.9	*	0.0	19.1	*
Prostatectomy.....	5	0.0	1.3	*	0.0	3.0	*	0.0	4.7	*
Cholecystectomy.....	0									
Hysterectomy.....	1	0.0	2.5	*	0.0	3.7	*	0.0	4.5	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 40
 Occupancy Rate..... 33
 Ownership/Control..... Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 3
 Percent of Physicians Board Certified Specialists..... (Not Available)
 Medical Residents/Interns..... 0
 Registered Nurses..... 10
 Licensed Practical Nurses..... 6

SPECIALTY SERVICES:

Burn Unit..... No
 Cardiac Intensive Care..... No
 Comprehensive Geriatric..... Yes
 Hospice Care..... No
 Medical/Surgical Intensive Care..... No
 Organ/Tissue Transplant..... No
 Other Intensive Care..... No
 Rehabilitation Unit..... No
 Trauma Center..... No

** Not used in calculating hospital mortality rates.

GRAPE COMMUNITY HOSPITAL

Medicare Provider Number: 160099

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	229	20.1	11.9	3.9	24.5	17.1	3.9	27.9	21.2	3.8
CONDITIONS:										
Acute Myocardial Infarction.....	13	69.2	28.6	*	69.2	32.3	*	69.2	36.3	*
Congestive Heart Failure.....	16	12.5	14.7	*	12.5	21.9	*	37.5	28.3	*
Pneumonia/Influenza.....	22	27.3	16.5	*	27.3	22.4	*	31.8	26.7	*
Chronic Obstructive Pulmonary Disease.....	8	12.5	6.2	*	25.0	11.0	*	25.0	15.2	*
Transient Cerebral Ischemia.....	1	0.0	1.2	*	0.0	2.6	*	0.0	4.1	*
Stroke.....	9	44.4	17.3	*	44.4	22.8	*	44.4	27.2	*
Hip Fracture.....	4	0.0	4.2	*	25.0	8.0	*	25.0	10.8	*
Sepsis.....	3	66.7	23.7	*	66.7	35.0	*	66.7	42.2	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	10	0.0	0.9	*	0.0	2.0	*	0.0	3.3	*
Cholecystectomy.....	3	0.0	2.1	*	0.0	3.7	*	0.0	4.8	*
Hysterectomy.....	1	0.0	0.4	*	0.0	0.6	*	0.0	0.8	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	278	11.9	10.1	2.8	19.8	15.2	3.5	23.0	19.2	3.8
CONDITIONS:										
Acute Myocardial Infarction.....	15	13.3	22.8	*	20.0	25.2	*	20.0	28.1	*
Congestive Heart Failure.....	15	13.3	13.1	*	20.0	20.2	*	20.0	26.3	*
Pneumonia/Influenza.....	17	23.5	14.6	*	23.5	20.8	*	23.5	25.8	*
Chronic Obstructive Pulmonary Disease.....	6	0.0	7.9	*	0.0	14.2	*	0.0	19.9	*
Transient Cerebral Ischemia.....	7	0.0	3.1	*	14.3	7.0	*	14.3	11.1	*
Stroke.....	12	25.0	19.3	*	33.3	26.7	*	33.3	31.6	*
Hip Fracture.....	7	0.0	6.2	*	0.0	11.3	*	0.0	14.9	*
Sepsis.....	1	0.0	12.0	*	0.0	17.6	*	0.0	22.4	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	3	0.0	4.6	*	0.0	8.7	*	0.0	11.6	*
Prostatectomy.....	4	0.0	1.1	*	0.0	2.4	*	0.0	3.7	*
Cholecystectomy.....	4	0.0	1.9	*	0.0	3.8	*	0.0	5.8	*
Hysterectomy.....	3	0.0	0.7	*	0.0	1.1	*	0.0	1.7	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

GREATER COMMUNITY HOSPITAL

Cottonwood and Townline Rd
Creston, IA 50801

Medicare Provider Number: 160116

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	477	9.9	8.7	1.8	14.0	12.7	1.6	17.0	16.1	1.8
CONDITIONS:										
Acute Myocardial Infarction.....	27	18.5	30.9	*	18.5	34.5	*	25.9	38.3	*
Congestive Heart Failure.....	22	18.2	15.7	*	31.8	23.9	*	36.4	30.7	*
Pneumonia/Influenza.....	14	14.3	16.9	*	14.3	23.1	*	14.3	27.9	*
Chronic Obstructive Pulmonary Disease.....	4	25.0	3.1	*	50.0	6.3	*	50.0	9.2	*
Transient Cerebral Ischemia.....	10	0.0	1.5	*	0.0	3.2	*	0.0	5.0	*
Stroke.....	22	13.6	18.9	*	27.3	24.6	*	27.3	28.6	*
Hip Fracture.....	24	12.5	6.7	*	12.5	12.4	*	16.7	16.3	*
Sepsis.....	6	33.3	38.4	*	33.3	45.0	*	33.3	52.5	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	2	0.0	3.3	*	0.0	6.1	*	0.0	8.7	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	9	0.0	5.9	*	0.0	11.1	*	0.0	14.6	*
Open Reduction of Hip Fracture.....	11	18.2	6.5	*	18.2	12.6	*	27.3	16.9	*
Prostatectomy.....	17	0.0	0.6	*	5.9	1.4	*	5.9	2.4	*
Cholecystectomy.....	16	0.0	1.3	*	0.0	2.5	*	0.0	3.3	*
Hysterectomy.....	12	0.0	2.6	*	0.0	5.2	*	8.3	7.1	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 53
Occupancy Rate..... 38
Ownership/Control..... Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 12
Percent of Physicians Board Certified Specialists..... 67
Medical Residents/Interns..... 0
Registered Nurses..... 38
Licensed Practical Nurses..... 10

SPECIALTY SERVICES:

Burn Unit..... No
Cardiac Intensive Care..... No
Comprehensive Geriatric..... No
Hospice Care..... Yes
Medical/Surgical Intensive Care..... Yes
Organ/Tissue Transplant..... No
Other Intensive Care..... No
Rehabilitation Unit..... No
Trauma Center..... No

** Not used in calculating hospital mortality rates.

GREATER COMMUNITY HOSPITAL

Medicare Provider Number: 160116

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	497	8.9	8.4	2.0	14.1	12.4	2.6	17.9	15.7	3.2
CONDITIONS:										
Acute Myocardial Infarction.....	16	75.0	41.8	*	75.0	45.7	*	75.0	50.2	*
Congestive Heart Failure.....	23	13.0	16.0	*	30.4	24.0	*	34.8	30.7	*
Pneumonia/Influenza.....	26	11.5	21.1	*	26.9	28.3	*	26.9	33.4	*
Chronic Obstructive Pulmonary Disease.....	3	0.0	7.4	*	0.0	14.2	*	0.0	20.1	*
Transient Cerebral Ischemia.....	12	0.0	2.3	*	8.3	5.2	*	8.3	8.3	*
Stroke.....	28	14.3	20.8	*	14.3	27.5	*	28.6	32.4	*
Hip Fracture.....	19	5.3	6.5	*	10.5	12.0	*	15.8	15.6	*
Sepsis.....	3	66.7	25.5	*	66.7	32.6	*	66.7	38.6	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	1	0.0	1.0	*	0.0	2.1	*	0.0	3.2	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	9	0.0	5.6	*	11.1	11.0	*	11.1	14.9	*
Open Reduction of Hip Fracture.....	12	8.3	5.8	*	8.3	11.1	*	16.7	14.7	*
Prostatectomy.....	11	0.0	0.7	*	0.0	1.8	*	0.0	3.2	*
Cholecystectomy.....	21	0.0	1.4	*	0.0	2.5	*	0.0	3.4	*
Hysterectomy.....	9	0.0	0.2	*	0.0	0.3	*	0.0	0.4	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	480	11.5	9.0	1.7	14.8	13.0	1.6	16.0	16.3	2.0
CONDITIONS:										
Acute Myocardial Infarction.....	13	61.5	30.6	*	76.9	34.0	*	76.9	37.6	*
Congestive Heart Failure.....	17	29.4	16.8	*	41.2	24.6	*	41.2	31.2	*
Pneumonia/Influenza.....	14	7.1	20.5	*	7.1	26.6	*	7.1	31.3	*
Chronic Obstructive Pulmonary Disease.....	8	12.5	6.9	*	12.5	11.6	*	25.0	16.0	*
Transient Cerebral Ischemia.....	9	11.1	2.3	*	11.1	4.9	*	11.1	7.9	*
Stroke.....	18	16.7	24.6	*	22.2	31.1	*	27.8	36.1	*
Hip Fracture.....	16	25.0	7.5	*	25.0	13.3	*	25.0	16.9	*
Sepsis.....	7	42.9	36.0	*	42.9	43.4	*	42.9	50.8	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	2	0.0	4.1	*	0.0	7.5	*	0.0	10.3	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	2	50.0	13.9	*	50.0	23.3	*	50.0	27.9	*
Open Reduction of Hip Fracture.....	8	12.5	5.5	*	12.5	10.9	*	12.5	14.7	*
Prostatectomy.....	16	0.0	1.0	*	0.0	2.4	*	0.0	4.1	*
Cholecystectomy.....	21	0.0	2.9	*	4.8	5.3	*	4.8	7.0	*
Hysterectomy.....	6	0.0	0.5	*	0.0	0.9	*	0.0	1.3	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

GREENE COUNTY MEDICAL CENTER

1000 W Lincolnway

Jefferson, IA 50129

Medicare Provider Number: 160021

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	340	8.8	8.9	1.6	12.1	13.5	2.2	15.6	17.3	2.8
CONDITIONS:										
Acute Myocardial Infarction.....	16	25.0	29.1	*	25.0	32.0	*	25.0	35.5	*
Congestive Heart Failure.....	26	23.1	15.4	*	30.8	24.0	*	34.6	31.1	*
Pneumonia/Influenza.....	14	21.4	12.6	*	35.7	17.5	*	35.7	21.5	*
Chronic Obstructive Pulmonary Disease.....	4	0.0	7.7	*	0.0	13.1	*	0.0	17.8	*
Transient Cerebral Ischemia.....	12	0.0	2.0	*	0.0	4.6	*	0.0	7.3	*
Stroke.....	9	11.1	16.9	*	11.1	22.7	*	22.2	27.4	*
Hip Fracture.....	17	0.0	6.8	*	17.6	12.3	*	23.5	15.7	*
Sepsis.....	4	25.0	34.9	*	25.0	49.8	*	25.0	59.7	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	7	0.0	5.3	*	0.0	10.2	*	14.3	13.6	*
Open Reduction of Hip Fracture.....	10	0.0	6.6	*	30.0	12.3	*	30.0	16.0	*
Prostatectomy.....	0									
Cholecystectomy.....	7	0.0	4.0	*	0.0	7.7	*	14.3	10.2	*
Hysterectomy.....	8	0.0	0.4	*	0.0	1.0	*	0.0	1.5	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 127
 Occupancy Rate..... 78
 Ownership/Control..... Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 7
 Percent of Physicians Board Certified Specialists..... 71
 Medical Residents/Interns..... 0
 Registered Nurses..... 29
 Licensed Practical Nurses..... 2

SPECIALTY SERVICES:

Burn Unit..... No
 Cardiac Intensive Care..... Yes
 Comprehensive Geriatric..... Yes
 Hospice Care..... No
 Medical/Surgical Intensive Care..... No
 Organ/Tissue Transplant..... No
 Other Intensive Care..... No
 Rehabilitation Unit..... No
 Trauma Center..... No

** Not used in calculating hospital mortality rates.

GREENE COUNTY MEDICAL CENTER

Medicare Provider Number: 160021

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	373	12.3	9.8	2.3	16.9	14.3	2.1	19.0	17.9	2.2
CONDITIONS:										
Acute Myocardial Infarction.....	19	31.6	29.2	*	31.6	32.2	*	31.6	35.7	*
Congestive Heart Failure.....	26	23.1	14.9	*	34.6	23.5	*	38.5	30.7	*
Pneumonia/Influenza.....	23	8.7	12.6	*	13.0	17.4	*	13.0	21.4	*
Chronic Obstructive Pulmonary Disease.....	7	14.3	7.4	*	14.3	12.8	*	14.3	17.1	*
Transient Cerebral Ischemia.....	6	0.0	2.5	*	16.7	5.7	*	16.7	9.2	*
Stroke.....	25	36.0	22.2	*	52.0	28.2	*	52.0	33.0	*
Hip Fracture.....	3	33.3	7.4	*	33.3	12.7	*	33.3	15.8	*
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	3	0.0	1.7	*	0.0	3.1	*	0.0	4.5	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	1	0.0	2.9	*	0.0	5.9	*	0.0	8.1	*
Open Reduction of Hip Fracture.....	2	50.0	8.3	*	50.0	14.7	*	50.0	18.2	*
Prostatectomy.....	7	0.0	2.2	*	0.0	5.9	*	0.0	10.2	*
Cholecystectomy.....	19	0.0	2.0	*	0.0	3.8	*	5.3	5.2	*
Hysterectomy.....	5	0.0	0.1	*	0.0	0.3	*	0.0	0.4	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	397	14.1	9.8	2.1	17.9	14.4	2.1	21.2	18.1	2.2
CONDITIONS:										
Acute Myocardial Infarction.....	20	35.0	29.8	*	40.0	33.0	*	45.0	36.7	*
Congestive Heart Failure.....	19	26.3	16.2	*	36.8	24.6	*	47.4	31.5	*
Pneumonia/Influenza.....	14	28.6	16.0	*	28.6	21.9	*	35.7	26.5	*
Chronic Obstructive Pulmonary Disease.....	1	0.0	11.4	*	0.0	20.9	*	0.0	27.7	*
Transient Cerebral Ischemia.....	2	0.0	1.1	*	0.0	2.2	*	0.0	3.5	*
Stroke.....	25	32.0	20.9	*	36.0	27.1	*	36.0	31.9	*
Hip Fracture.....	7	14.3	7.5	*	28.6	14.0	*	42.9	18.4	*
Sepsis.....	2	0.0	25.3	*	0.0	34.7	*	0.0	40.2	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	2	0.0	3.7	*	0.0	6.4	*	0.0	8.8	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	2	50.0	3.5	*	50.0	7.5	*	50.0	10.8	*
Open Reduction of Hip Fracture.....	4	0.0	8.8	*	25.0	16.6	*	50.0	21.7	*
Prostatectomy.....	15	0.0	0.9	*	6.7	2.3	*	6.7	4.0	*
Cholecystectomy.....	12	16.7	3.8	*	25.0	7.0	*	33.3	9.4	*
Hysterectomy.....	3	0.0	1.4	*	0.0	3.2	*	0.0	5.1	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

GRINNELL GENERAL HOSPITAL

4th & Reed St

Grinnell, IA 50112

Medicare Provider Number: 160147

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	668	8.7	7.2	1.4	11.8	11.1	1.4	16.2	14.3	1.9
CONDITIONS:										
Acute Myocardial Infarction.....	7	42.9	27.5	*	57.1	30.3	*	71.4	33.3	*
Congestive Heart Failure.....	38	21.1	16.9	*	23.7	26.0	*	36.8	33.2	*
Pneumonia/Influenza.....	49	10.2	11.7	*	16.3	16.6	*	24.5	20.2	*
Chronic Obstructive Pulmonary Disease.....	11	0.0	5.0	*	9.1	9.1	*	27.3	13.0	*
Transient Cerebral Ischemia.....	9	0.0	1.2	*	0.0	2.5	*	0.0	4.0	*
Stroke.....	33	27.3	24.8	*	36.4	32.0	*	39.4	36.9	*
Hip Fracture.....	31	12.9	5.1	*	16.1	9.3	*	22.6	12.2	*
Sepsis.....	5	20.0	26.7	*	20.0	33.0	*	20.0	39.3	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	1	0.0	11.7	*	0.0	18.3	*	0.0	21.4	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	38	7.9	3.3	*	10.5	6.2	*	13.2	8.3	*
Open Reduction of Hip Fracture.....	6	16.7	3.9	*	16.7	7.4	*	33.3	9.8	*
Prostatectomy.....	32	0.0	1.1	*	0.0	2.8	*	0.0	4.8	*
Cholecystectomy.....	25	0.0	1.8	*	0.0	3.2	*	4.0	4.4	*
Hysterectomy.....	4	0.0	0.2	*	0.0	0.3	*	0.0	0.4	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 53
 Occupancy Rate..... (Not Available)
 Ownership/Control..... Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 18
 Percent of Physicians Board Certified Specialists..... 89
 Medical Residents/Interns..... 0
 Registered Nurses..... 62
 Licensed Practical Nurses..... 13

SPECIALTY SERVICES:

Burn Unit..... No
 Cardiac Intensive Care..... No
 Comprehensive Geriatric..... No
 Hospice Care..... No
 Medical/Surgical Intensive Care..... Yes
 Organ/Tissue Transplant..... No
 Other Intensive Care..... No
 Rehabilitation Unit..... No
 Trauma Center..... No

** Not used in calculating hospital mortality rates.

GRINNELL GENERAL HOSPITAL

Medicare Provider Number: 160147

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	644	11.2	8.3	2.2	14.4	12.4	2.1	18.3	15.8	2.5
CONDITIONS:										
Acute Myocardial Infarction.....	16	43.8	33.9	*	50.0	37.8	*	56.3	42.0	*
Congestive Heart Failure.....	34	29.4	17.0	*	35.3	25.8	*	44.1	33.3	*
Pneumonia/Influenza.....	55	16.4	15.7	5.4	21.8	21.4	6.2	27.3	26.0	6.3
Chronic Obstructive Pulmonary Disease.....	12	0.0	5.0	*	8.3	9.9	*	16.7	14.2	*
Transient Cerebral Ischemia.....	5	0.0	1.1	*	20.0	2.2	*	20.0	3.4	*
Stroke.....	27	18.5	23.0	*	22.2	29.2	*	22.2	34.1	*
Hip Fracture.....	30	13.3	5.9	*	13.3	10.8	*	13.3	14.0	*
Sepsis.....	5	40.0	31.2	*	60.0	37.7	*	60.0	44.1	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	4	0.0	3.4	*	0.0	5.6	*	0.0	7.5	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	41	9.8	3.8	*	9.8	7.2	*	9.8	9.5	*
Open Reduction of Hip Fracture.....	5	0.0	5.9	*	0.0	9.9	*	0.0	12.6	*
Prostatectomy.....	27	3.7	0.8	*	3.7	2.0	*	7.4	3.4	*
Cholecystectomy.....	15	20.0	3.0	*	20.0	4.7	*	20.0	5.6	*
Hysterectomy.....	5	0.0	1.1	*	0.0	2.6	*	0.0	4.2	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	663	7.8	8.2	1.1	11.0	12.3	1.5	14.0	15.7	1.5
CONDITIONS:										
Acute Myocardial Infarction.....	17	17.6	35.3	*	17.6	38.5	*	23.5	42.3	*
Congestive Heart Failure.....	42	14.3	16.4	*	21.4	24.7	*	28.6	31.5	*
Pneumonia/Influenza.....	35	8.6	17.0	*	17.1	23.4	*	22.9	28.4	*
Chronic Obstructive Pulmonary Disease.....	8	37.5	13.5	*	50.0	22.3	*	50.0	28.7	*
Transient Cerebral Ischemia.....	10	0.0	3.2	*	0.0	7.3	*	0.0	11.2	*
Stroke.....	33	21.2	20.8	*	24.2	27.0	*	27.3	31.6	*
Hip Fracture.....	33	6.1	6.8	*	15.2	12.4	*	15.2	16.0	*
Sepsis.....	3	33.3	35.8	*	33.3	44.7	*	100.0	51.3	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	7	0.0	4.0	*	14.3	7.2	*	14.3	9.7	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	41	4.9	5.6	*	9.8	10.8	*	12.2	14.5	*
Open Reduction of Hip Fracture.....	3	0.0	7.5	*	33.3	13.4	*	33.3	16.8	*
Prostatectomy.....	11	0.0	0.8	*	9.1	2.0	*	9.1	3.3	*
Cholecystectomy.....	26	3.8	2.0	*	3.8	3.6	*	7.7	4.8	*
Hysterectomy.....	10	0.0	2.4	*	0.0	5.5	*	0.0	8.2	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

GRUNDY COUNTY MEMORIAL HOSPITAL

P O Box 97

Grundy Center, IA 50638

Medicare Provider Number: 160035

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	30	6.7	11.2	*	10.0	15.9	*	10.0	19.8	*
CONDITIONS:										
Acute Myocardial Infarction.....	1	0.0	24.4	*	0.0	26.4	*	0.0	29.0	*
Congestive Heart Failure.....	0									
Pneumonia/Influenza.....	5	0.0	15.7	*	0.0	21.3	*	0.0	26.2	*
Chronic Obstructive Pulmonary Disease.....	0									
Transient Cerebral Ischemia.....	0									
Stroke.....	3	33.3	32.6	*	33.3	39.2	*	33.3	44.6	*
Hip Fracture.....	0									
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	2	0.0	1.0	*	0.0	2.6	*	0.0	4.3	*
Cholecystectomy.....	2	0.0	1.6	*	0.0	2.5	*	0.0	3.2	*
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 88
 Occupancy Rate..... 76
 Ownership/Control..... Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 3
 Percent of Physicians Board Certified Specialists..... (Not Available)
 Medical Residents/Interns..... 0
 Registered Nurses..... 15
 Licensed Practical Nurses..... 5

SPECIALTY SERVICES:

Burn Unit..... No
 Cardiac Intensive Care..... No
 Comprehensive Geriatric..... Yes
 Hospice Care..... No
 Medical/Surgical Intensive Care..... Yes
 Organ/Tissue Transplant..... No
 Other Intensive Care..... No
 Rehabilitation Unit..... No
 Trauma Center..... No

** Not used in calculating hospital mortality rates.

GRUNDY COUNTY MEMORIAL HOSPITAL

Medicare Provider Number: 160035

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	61	16.4	14.1	6.9	29.5	20.2	9.8	34.4	25.0	11.2
CONDITIONS:										
Acute Myocardial Infarction.....	3	66.7	57.7	*	100.0	61.5	*	100.0	65.3	*
Congestive Heart Failure.....	3	0.0	13.3	*	33.3	20.8	*	66.7	27.0	*
Pneumonia/Influenza.....	11	9.1	16.3	*	18.2	22.5	*	18.2	27.4	*
Chronic Obstructive Pulmonary Disease.....	2	50.0	4.8	*	50.0	8.3	*	50.0	12.1	*
Transient Cerebral Ischemia.....	1	0.0	2.0	*	0.0	5.2	*	0.0	8.8	*
Stroke.....	1	100.0	22.9	*	100.0	30.3	*	100.0	35.8	*
Hip Fracture.....	2	0.0	11.2	*	0.0	17.6	*	0.0	21.6	*
Sepsis.....	2	100.0	26.5	*	100.0	35.3	*	100.0	41.4	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	82	17.1	12.3	4.7	24.4	17.0	5.9	30.5	21.1	7.4
CONDITIONS:										
Acute Myocardial Infarction.....	5	60.0	44.7	*	80.0	49.3	*	80.0	54.5	*
Congestive Heart Failure.....	5	40.0	24.7	*	60.0	32.7	*	80.0	39.7	*
Pneumonia/Influenza.....	3	33.3	18.4	*	33.3	25.2	*	33.3	30.7	*
Chronic Obstructive Pulmonary Disease.....	1	0.0	13.2	*	0.0	19.5	*	0.0	24.4	*
Transient Cerebral Ischemia.....	3	0.0	2.4	*	0.0	5.8	*	0.0	9.3	*
Stroke.....	1	0.0	19.9	*	0.0	26.3	*	0.0	31.4	*
Hip Fracture.....	3	33.3	7.2	*	33.3	13.3	*	33.3	17.8	*
Sepsis.....	3	33.3	32.9	*	33.3	38.4	*	66.7	44.6	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	2	0.0	6.9	*	0.0	12.6	*	0.0	16.6	*
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	3	0.0	0.9	*	0.0	1.9	*	0.0	2.9	*
Cholecystectomy.....	1	0.0	2.6	*	0.0	3.6	*	0.0	4.3	*
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

GUTHRIE COUNTY HOSPITAL

710 N 12th St
Guthrie Center, IA 50115

Medicare Provider Number: 160018

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	219	12.3	9.3	2.6	18.3	13.6	3.6	21.5	17.3	3.6
CONDITIONS:										
Acute Myocardial Infarction.....	10	20.0	28.2	*	20.0	31.9	*	20.0	35.6	*
Congestive Heart Failure.....	7	14.3	11.1	*	14.3	17.2	*	28.6	22.7	*
Pneumonia/Influenza.....	15	33.3	17.7	*	40.0	24.1	*	40.0	28.9	*
Chronic Obstructive Pulmonary Disease.....	6	0.0	4.3	*	16.7	8.5	*	16.7	12.7	*
Transient Cerebral Ischemia.....	8	0.0	2.6	*	0.0	6.1	*	12.5	10.0	*
Stroke.....	16	25.0	25.0	*	31.3	32.3	*	37.5	37.1	*
Hip Fracture.....	7	14.3	6.0	*	14.3	11.4	*	28.6	15.2	*
Sepsis.....	2	0.0	26.4	*	0.0	32.6	*	0.0	38.5	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	3	0.0	5.8	*	0.0	10.5	*	33.3	13.5	*
Open Reduction of Hip Fracture.....	2	50.0	6.6	*	50.0	13.2	*	50.0	17.9	*
Prostatectomy.....	4	0.0	2.1	*	0.0	5.6	*	0.0	9.6	*
Cholecystectomy.....	1	0.0	0.2	*	0.0	0.4	*	0.0	0.7	*
Hysterectomy.....	1	0.0	0.6	*	0.0	1.1	*	0.0	1.5	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 25
Occupancy Rate..... 32
Ownership/Control..... Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 7
Percent of Physicians Board Certified Specialists..... (Not Available)
Medical Residents/Interns..... 0
Registered Nurses..... 13
Licensed Practical Nurses..... 0

SPECIALTY SERVICES:

Burn Unit..... No
Cardiac Intensive Care..... No
Comprehensive Geriatric..... No
Hospice Care..... No
Medical/Surgical Intensive Care..... Yes
Organ/Tissue Transplant..... No
Other Intensive Care..... No
Rehabilitation Unit..... No
Trauma Center..... No

** Not used in calculating hospital mortality rates.

GUTHRIE COUNTY HOSPITAL

Medicare Provider Number: 160018

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	203	14.8	9.8	3.2	17.2	13.9	2.9	20.7	17.3	3.1
CONDITIONS:										
Acute Myocardial Infarction.....	14	21.4	23.0	*	28.6	27.1	*	35.7	31.1	*
Congestive Heart Failure.....	8	25.0	16.9	*	25.0	26.0	*	37.5	33.2	*
Pneumonia/Influenza.....	15	46.7	18.6	*	53.3	25.1	*	53.3	30.1	*
Chronic Obstructive Pulmonary Disease.....	2	0.0	4.2	*	0.0	7.8	*	0.0	11.0	*
Transient Cerebral Ischemia.....	7	0.0	2.5	*	0.0	5.9	*	0.0	9.7	*
Stroke.....	15	46.7	22.5	*	46.7	29.7	*	46.7	35.0	*
Hip Fracture.....	10	10.0	6.8	*	20.0	12.8	*	30.0	16.7	*
Sepsis.....	2	50.0	34.9	*	50.0	41.4	*	50.0	48.3	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	3	0.0	7.3	*	0.0	14.3	*	0.0	18.6	*
Open Reduction of Hip Fracture.....	7	14.3	5.5	*	28.6	10.8	*	42.9	14.6	*
Prostatectomy.....	6	0.0	2.8	*	0.0	7.2	*	0.0	12.1	*
Cholecystectomy.....	3	0.0	1.3	*	0.0	2.6	*	0.0	3.8	*
Hysterectomy.....	1	0.0	0.5	*	0.0	1.0	*	0.0	1.4	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	208	12.5	10.3	3.7	17.8	14.8	3.7	20.7	18.7	3.7
CONDITIONS:										
Acute Myocardial Infarction.....	16	43.8	33.5	*	50.0	38.4	*	50.0	43.1	*
Congestive Heart Failure.....	9	0.0	14.6	*	11.1	22.1	*	11.1	28.5	*
Pneumonia/Influenza.....	23	21.7	17.4	*	26.1	24.6	*	26.1	29.9	*
Chronic Obstructive Pulmonary Disease.....	4	25.0	5.2	*	25.0	9.8	*	25.0	13.6	*
Transient Cerebral Ischemia.....	5	20.0	2.2	*	20.0	5.0	*	20.0	8.2	*
Stroke.....	7	14.3	19.9	*	57.1	26.8	*	57.1	32.0	*
Hip Fracture.....	7	0.0	5.7	*	14.3	11.1	*	14.3	15.0	*
Sepsis.....	2	0.0	17.6	*	0.0	21.8	*	0.0	26.5	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	2	0.0	6.4	*	50.0	13.8	*	50.0	19.5	*
Open Reduction of Hip Fracture.....	2	0.0	5.5	*	0.0	11.4	*	0.0	15.6	*
Prostatectomy.....	6	0.0	1.2	*	0.0	2.9	*	16.7	4.7	*
Cholecystectomy.....	1	0.0	0.9	*	0.0	1.6	*	0.0	2.1	*
Hysterectomy.....	1	0.0	0.2	*	0.0	0.4	*	0.0	0.6	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

GUTTENBERG MUNICIPAL HOSPITAL

Second & Main Sts
Guttenberg, IA 52052

Medicare Provider Number: 160097

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	192	9.9	10.1	2.3	13.5	15.0	2.8	18.2	18.9	2.9
CONDITIONS:										
Acute Myocardial Infarction.....	10	20.0	21.7	*	20.0	23.8	*	20.0	26.4	*
Congestive Heart Failure.....	12	8.3	15.5	*	8.3	23.5	*	16.7	30.2	*
Pneumonia/Influenza.....	8	12.5	12.4	*	25.0	16.9	*	25.0	21.2	*
Chronic Obstructive Pulmonary Disease.....	5	0.0	4.3	*	0.0	8.2	*	0.0	11.9	*
Transient Cerebral Ischemia.....	0									
Stroke.....	10	20.0	26.7	*	20.0	32.7	*	40.0	37.4	*
Hip Fracture.....	5	0.0	5.6	*	0.0	9.3	*	0.0	11.7	*
Sepsis.....	7	14.3	30.5	*	28.6	36.6	*	42.9	42.8	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	2	0.0	7.2	*	0.0	12.0	*	0.0	14.8	*
Open Reduction of Hip Fracture.....	3	0.0	3.7	*	0.0	6.7	*	0.0	8.8	*
Prostatectomy.....	4	25.0	1.2	*	25.0	2.6	*	25.0	4.2	*
Cholecystectomy.....	4	25.0	5.9	*	50.0	11.6	*	50.0	15.7	*
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 29
Occupancy Rate..... 35
Ownership/Control..... Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 4
Percent of Physicians Board Certified Specialists..... 100
Medical Residents/Interns..... 0
Registered Nurses..... 13
Licensed Practical Nurses..... 6

SPECIALTY SERVICES:

Burn Unit..... No
Cardiac Intensive Care..... No
Comprehensive Geriatric..... Yes
Hospice Care..... No
Medical/Surgical Intensive Care..... Yes
Organ/Tissue Transplant..... Yes
Other Intensive Care..... No
Rehabilitation Unit..... No
Trauma Center..... No

** Not used in calculating hospital mortality rates.

GUTTENBERG MUNICIPAL HOSPITAL

Medicare Provider Number: 160097

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	175	13.1	10.5	3.9	16.0	15.8	4.1	21.1	20.1	3.2
CONDITIONS:										
Acute Myocardial Infarction.....	6	16.7	23.2	*	16.7	26.1	*	33.3	29.1	*
Congestive Heart Failure.....	8	12.5	15.2	*	25.0	24.1	*	25.0	31.5	*
Pneumonia/Influenza.....	7	28.6	21.4	*	28.6	27.8	*	42.9	32.9	*
Chronic Obstructive Pulmonary Disease.....	8	12.5	4.8	*	12.5	8.9	*	12.5	12.8	*
Transient Cerebral Ischemia.....	2	0.0	2.8	*	0.0	5.8	*	0.0	9.2	*
Stroke.....	9	33.3	24.7	*	33.3	32.8	*	33.3	38.3	*
Hip Fracture.....	5	20.0	7.8	*	80.0	13.7	*	80.0	17.2	*
Sepsis.....	4	25.0	30.4	*	25.0	37.3	*	50.0	44.2	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	3	33.3	9.7	*	100.0	17.5	*	100.0	21.9	*
Open Reduction of Hip Fracture.....	2	0.0	3.5	*	50.0	6.9	*	50.0	9.3	*
Prostatectomy.....	7	0.0	1.3	*	0.0	3.2	*	14.3	5.4	*
Cholecystectomy.....	4	0.0	3.2	*	0.0	5.5	*	0.0	7.0	*
Hysterectomy.....	0									

*The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	202	13.9	11.8	3.0	17.8	18.1	3.4	24.3	22.6	3.1
CONDITIONS:										
Acute Myocardial Infarction.....	7	42.9	30.5	*	42.9	34.5	*	42.9	38.6	*
Congestive Heart Failure.....	9	11.1	27.9	*	11.1	43.3	*	22.2	53.5	*
Pneumonia/Influenza.....	1	0.0	12.2	*	0.0	16.8	*	0.0	21.2	*
Chronic Obstructive Pulmonary Disease.....	6	0.0	6.4	*	0.0	12.7	*	0.0	18.4	*
Transient Cerebral Ischemia.....	1	0.0	2.6	*	0.0	7.1	*	0.0	12.6	*
Stroke.....	11	36.4	25.2	*	45.5	31.7	*	63.6	36.9	*
Hip Fracture.....	7	14.3	6.7	*	28.6	13.3	*	28.6	17.8	*
Sepsis.....	4	0.0	24.5	*	0.0	33.2	*	25.0	39.8	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	1	0.0	4.4	*	0.0	9.1	*	0.0	12.4	*
Open Reduction of Hip Fracture.....	3	0.0	5.7	*	33.3	11.6	*	33.3	15.8	*
Prostatectomy.....	4	0.0	1.0	*	0.0	2.3	*	0.0	3.8	*
Cholecystectomy.....	2	0.0	9.2	*	0.0	14.9	*	0.0	17.1	*
Hysterectomy.....	1	0.0	0.1	*	0.0	0.2	*	0.0	0.3	*

*The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HAMILTON COUNTY PUBLIC HOSPITAL

800 Ohio St
Webster City, IA 50595

Medicare Provider Number: 160076

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	485	7.6	7.7	1.2	12.0	12.1	1.5	15.1	15.8	1.8
CONDITIONS:										
Acute Myocardial Infarction.....	14	14.3	21.0	*	14.3	25.0	*	14.3	29.2	*
Congestive Heart Failure.....	17	17.6	14.7	*	23.5	24.0	*	29.4	31.9	*
Pneumonia/Influenza.....	43	11.6	16.1	*	16.3	22.4	*	25.6	27.2	*
Chronic Obstructive Pulmonary Disease.....	11	9.1	5.1	*	9.1	10.0	*	9.1	14.5	*
Transient Cerebral Ischemia.....	9	0.0	1.4	*	0.0	3.1	*	0.0	5.0	*
Stroke.....	12	16.7	22.9	*	33.3	29.7	*	41.7	34.7	*
Hip Fracture.....	3	33.3	6.7	*	66.7	13.6	*	66.7	18.7	*
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	1	0.0	2.7	*	0.0	6.3	*	0.0	10.4	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	1	0.0	3.4	*	100.0	7.0	*	100.0	9.7	*
Open Reduction of Hip Fracture.....	2	50.0	7.1	*	50.0	15.1	*	50.0	21.4	*
Prostatectomy.....	3	0.0	1.0	*	0.0	2.5	*	0.0	4.4	*
Cholecystectomy.....	6	0.0	1.7	*	0.0	2.9	*	0.0	3.7	*
Hysterectomy.....	1	0.0	0.1	*	0.0	0.2	*	0.0	0.4	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 50
Occupancy Rate..... 58
Ownership/Control..... Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 15
Percent of Physicians Board Certified Specialists..... 40
Medical Residents/Interns..... 0
Registered Nurses..... 45
Licensed Practical Nurses..... 7

SPECIALTY SERVICES:

Burn Unit..... No
Cardiac Intensive Care..... Yes
Comprehensive Geriatric..... No
Hospice Care..... No
Medical/Surgical Intensive Care..... No
Organ/Tissue Transplant..... No
Other Intensive Care..... No
Rehabilitation Unit..... No
Trauma Center..... No

** Not used in calculating hospital mortality rates.

HAMILTON COUNTY PUBLIC HOSPITAL

Medicare Provider Number: 160076

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	537	4.7	7.4	1.4	7.8	11.5	1.8	10.8	14.9	2.1
CONDITIONS:										
Acute Myocardial Infarction.....	15	20.0	27.8	*	26.7	32.2	*	26.7	36.3	*
Congestive Heart Failure.....	22	9.1	18.1	*	22.7	25.7	*	22.7	31.9	*
Pneumonia/Influenza.....	36	8.3	16.1	*	8.3	22.2	*	13.9	26.9	*
Chronic Obstructive Pulmonary Disease.....	7	0.0	6.9	*	28.6	12.7	*	28.6	17.9	*
Transient Cerebral Ischemia.....	4	0.0	1.8	*	0.0	3.8	*	0.0	5.8	*
Stroke.....	15	20.0	22.8	*	20.0	30.2	*	20.0	35.5	*
Hip Fracture.....	4	0.0	5.7	*	0.0	10.8	*	0.0	14.3	*
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	1	0.0	2.2	*	0.0	4.5	*	0.0	5.9	*
Open Reduction of Hip Fracture.....	1	0.0	2.4	*	0.0	4.5	*	0.0	6.2	*
Prostatectomy.....	2	0.0	0.9	*	0.0	2.3	*	0.0	3.9	*
Cholecystectomy.....	12	0.0	2.7	*	0.0	4.7	*	0.0	6.0	*
Hysterectomy.....	2	0.0	1.1	*	0.0	2.8	*	0.0	4.4	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	534	5.1	7.0	1.4	7.9	11.0	1.7	10.9	14.2	2.1
CONDITIONS:										
Acute Myocardial Infarction.....	11	18.2	26.1	*	18.2	28.7	*	18.2	32.1	*
Congestive Heart Failure.....	29	3.4	14.1	*	3.4	22.2	*	13.8	29.0	*
Pneumonia/Influenza.....	21	9.5	16.5	*	14.3	23.5	*	19.0	28.7	*
Chronic Obstructive Pulmonary Disease.....	5	20.0	5.9	*	40.0	10.3	*	40.0	14.3	*
Transient Cerebral Ischemia.....	10	0.0	1.9	*	0.0	4.3	*	10.0	7.0	*
Stroke.....	15	20.0	17.8	*	20.0	23.5	*	26.7	28.2	*
Hip Fracture.....	6	0.0	5.1	*	0.0	9.0	*	16.7	11.8	*
Sepsis.....	1	0.0	9.2	*	0.0	12.7	*	0.0	16.4	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	1	0.0	1.8	*	0.0	4.7	*	0.0	8.3	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	2	0.0	3.3	*	0.0	6.8	*	0.0	9.5	*
Prostatectomy.....	4	0.0	1.4	*	0.0	3.4	*	0.0	5.5	*
Cholecystectomy.....	21	4.8	2.6	*	4.8	4.9	*	4.8	6.5	*
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

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Hamilton County Public Hospital

800 OHIO STREET, WEBSTER CITY, IOWA 50595, (515) 832-3431

January 15, 1991

Health Care Financing Administration
Health Standards and Quality Bureau
Attention: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

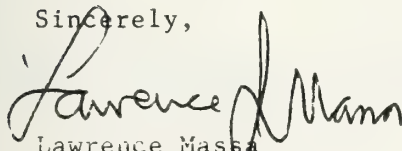
Dear Mrs. Kappert:

Please include these comments with our hospital's FY 1989 Medicare Mortality Rates:

Small numbers of cases can cause large percentage variations when even one patient dies. In the categories of HIP FRACTURE and OPEN REDUCTION OF HIP FRACTURE it should be noted that an unusual circumstance was involved in the observed mortality rate. The single death was a result of a patient's refusal to receive blood based on religious objections. Failure of conservative treatment to control the extreme pain of the unstable fracture necessitated definitive surgical intervention.

Thank you for this opportunity to comment.

Sincerely,


Lawrence Massa
Administrator

LM:mnk

HANCOCK COUNTY MEMORIAL HOSPITAL

531 2nd St NW
Britt, IA 50423

Medicare Provider Number: 160095

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	123	14.6	12.7	3.2	19.5	17.3	3.7	23.6	21.1	3.9
CONDITIONS:										
Acute Myocardial Infarction.....	17	17.6	34.6	*	17.6	37.9	*	23.5	41.7	*
Congestive Heart Failure.....	11	36.4	17.4	*	54.5	26.9	*	54.5	34.6	*
Pneumonia/Influenza.....	4	25.0	13.5	*	25.0	18.6	*	25.0	23.1	*
Chronic Obstructive Pulmonary Disease.....	0									
Transient Cerebral Ischemia.....	7	0.0	2.1	*	0.0	4.7	*	0.0	7.6	*
Stroke.....	7	28.6	16.3	*	28.6	22.5	*	28.6	26.9	*
Hip Fracture.....	3	33.3	8.6	*	66.7	15.3	*	66.7	19.5	*
Sepsis.....	1	0.0	30.0	*	0.0	40.6	*	0.0	45.6	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	3	33.3	7.5	*	66.7	14.0	*	66.7	18.2	*
Prostatectomy.....	0									
Cholecystectomy.....	1	0.0	3.2	*	0.0	7.0	*	0.0	10.0	*
Hysterectomy.....	1	0.0	0.1	*	0.0	0.2	*	0.0	0.4	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 30
Occupancy Rate..... 30
Ownership/Control..... Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 10
Percent of Physicians Board Certified Specialists..... 60
Medical Residents/Interns..... 0
Registered Nurses..... 11
Licensed Practical Nurses..... 0

SPECIALTY SERVICES:

Burn Unit..... No
Cardiac Intensive Care..... No
Comprehensive Geriatric..... No
Hospice Care..... No
Medical/Surgical Intensive Care..... No
Organ/Tissue Transplant..... No
Other Intensive Care..... No
Rehabilitation Unit..... No
Trauma Center..... No

** Not used in calculating hospital mortality rates.

HANCOCK COUNTY MEMORIAL HOSPITAL

Medicare Provider Number: 160095

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	95	18.9	13.0	6.1	26.3	18.5	5.9	30.5	22.7	5.9
CONDITIONS:										
Acute Myocardial Infarction.....	11	45.5	27.8	*	63.6	31.4	*	63.6	34.6	*
Congestive Heart Failure.....	3	0.0	12.0	*	0.0	18.8	*	0.0	24.9	*
Pneumonia/Influenza.....	5	0.0	15.1	*	0.0	20.7	*	0.0	24.8	*
Chronic Obstructive Pulmonary Disease.....	0									
Transient Cerebral Ischemia.....	0									
Stroke.....	6	66.7	19.8	*	66.7	27.0	*	83.3	31.9	*
Hip Fracture.....	5	20.0	11.3	*	40.0	19.8	*	40.0	25.0	*
Sepsis.....	3	66.7	25.2	*	66.7	36.0	*	66.7	42.1	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	3	0.0	9.4	*	33.3	16.4	*	33.3	20.4	*
Prostatectomy.....	0									
Cholecystectomy.....	2	0.0	2.7	*	0.0	5.6	*	0.0	7.9	*
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	123	14.6	11.0	4.2	21.1	15.6	4.8	25.2	19.6	5.5
CONDITIONS:										
Acute Myocardial Infarction.....	16	25.0	31.7	*	31.3	35.7	*	31.3	39.7	*
Congestive Heart Failure.....	8	25.0	12.7	*	25.0	19.3	*	37.5	25.2	*
Pneumonia/Influenza.....	7	0.0	14.8	*	14.3	20.0	*	14.3	24.5	*
Chronic Obstructive Pulmonary Disease.....	2	0.0	7.2	*	0.0	13.2	*	0.0	18.2	*
Transient Cerebral Ischemia.....	4	0.0	1.6	*	0.0	3.6	*	25.0	5.8	*
Stroke.....	8	12.5	19.3	*	25.0	26.1	*	25.0	31.2	*
Hip Fracture.....	4	25.0	6.1	*	25.0	12.6	*	25.0	18.0	*
Sepsis.....	1	0.0	8.1	*	0.0	11.5	*	0.0	15.2	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	4	25.0	5.2	*	25.0	11.3	*	25.0	16.6	*
Prostatectomy.....	0									
Cholecystectomy.....	1	0.0	0.8	*	0.0	1.4	*	0.0	1.9	*
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HAWARDEN COMMUNITY HOSPITAL

1111 11th Street
Hawarden, IA 51023

Medicare Provider Number: 160134

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	136	9.6	9.9	2.8	13.2	14.8	3.4	17.6	18.9	3.7
CONDITIONS:										
Acute Myocardial Infarction.....	3	66.7	31.5	*	66.7	35.6	*	66.7	40.2	*
Congestive Heart Failure.....	11	9.1	14.5	*	18.2	21.8	*	27.3	28.5	*
Pneumonia/Influenza.....	12	8.3	16.6	*	16.7	22.9	*	16.7	27.6	*
Chronic Obstructive Pulmonary Disease.....	10	10.0	5.9	*	10.0	10.7	*	10.0	15.2	*
Transient Cerebral Ischemia.....	5	0.0	1.9	*	0.0	4.4	*	0.0	7.4	*
Stroke.....	9	11.1	19.8	*	22.2	25.8	*	22.2	30.3	*
Hip Fracture.....	0									
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 21
Occupancy Rate..... 38
Ownership/Control..... Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 18
Percent of Physicians Board Certified Specialists..... 83
Medical Residents/Interns..... 0
Registered Nurses..... 9
Licensed Practical Nurses..... 0

SPECIALTY SERVICES:

Burn Unit..... No
Cardiac Intensive Care..... No
Comprehensive Geriatric..... No
Hospice Care..... No
Medical/Surgical Intensive Care..... No
Organ/Tissue Transplant..... No
Other Intensive Care..... Yes
Rehabilitation Unit..... No
Trauma Center..... No

** Not used in calculating hospital mortality rates.

HAWARDEN COMMUNITY HOSPITAL

Medicare Provider Number: 160134

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	161	14.3	11.8	3.6	23.0	17.4	4.7	27.3	21.9	5.8
CONDITIONS:										
Acute Myocardial Infarction.....	8	50.0	25.6	*	50.0	30.1	*	50.0	33.9	*
Congestive Heart Failure.....	17	23.5	15.4	*	41.2	22.9	*	41.2	29.2	*
Pneumonia/Influenza.....	17	29.4	20.8	*	41.2	28.2	*	47.1	33.7	*
Chronic Obstructive Pulmonary Disease.....	2	0.0	7.2	*	0.0	15.3	*	50.0	23.1	*
Transient Cerebral Ischemia.....	0									
Stroke.....	11	18.2	26.0	*	18.2	33.5	*	18.2	38.5	*
Hip Fracture.....	2	0.0	4.4	*	0.0	8.5	*	0.0	11.4	*
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	1	0.0	0.5	*	0.0	0.9	*	0.0	1.2	*
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	119	14.3	11.5	3.5	21.8	16.7	5.2	25.2	21.0	4.9
CONDITIONS:										
Acute Myocardial Infarction.....	7	42.9	44.9	*	42.9	51.7	*	42.9	56.5	*
Congestive Heart Failure.....	10	0.0	17.9	*	10.0	27.1	*	10.0	34.4	*
Pneumonia/Influenza.....	10	30.0	18.6	*	40.0	25.5	*	50.0	31.1	*
Chronic Obstructive Pulmonary Disease.....	1	0.0	14.7	*	0.0	28.2	*	0.0	38.7	*
Transient Cerebral Ischemia.....	3	0.0	1.7	*	0.0	3.5	*	0.0	5.5	*
Stroke.....	5	40.0	18.2	*	80.0	24.1	*	80.0	28.8	*
Hip Fracture.....	0									
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HEGG MEMORIAL HEALTH CENTER

1200-21st Ave
Rock Valley, IA 51247

Medicare Provider Number: 160145

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	115	11.3	7.2	2.9	18.3	11.6	4.0	24.3	15.1	5.2
CONDITIONS:										
Acute Myocardial Infarction.....	2	50.0	27.5	*	50.0	30.1	*	50.0	33.7	*
Congestive Heart Failure.....	9	22.2	12.7	*	22.2	20.5	*	44.4	27.0	*
Pneumonia/Influenza.....	16	18.8	15.5	*	37.5	22.9	*	43.8	27.7	*
Chronic Obstructive Pulmonary Disease.....	1	0.0	3.8	*	0.0	8.0	*	0.0	12.2	*
Transient Cerebral Ischemia.....	1	0.0	1.3	*	0.0	2.8	*	0.0	4.4	*
Stroke.....	3	0.0	15.7	*	33.3	21.5	*	33.3	25.5	*
Hip Fracture.....	0									
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	5	0.0	0.5	*	0.0	1.1	*	0.0	1.9	*
Cholecystectomy.....	7	14.3	1.2	*	14.3	2.0	*	28.6	2.5	*
Hysterectomy.....	4	0.0	0.3	*	0.0	0.6	*	0.0	0.8	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 123
Occupancy Rate..... 83
Ownership/Control..... Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 4
Percent of Physicians Board Certified Specialists..... 100
Medical Residents/Interns..... 0
Registered Nurses..... 12
Licensed Practical Nurses..... 0

SPECIALTY SERVICES:

Burn Unit..... No
Cardiac Intensive Care..... No
Comprehensive Geriatric..... No
Hospice Care..... No
Medical/Surgical Intensive Care..... Yes
Organ/Tissue Transplant..... No
Other Intensive Care..... No
Rehabilitation Unit..... No
Trauma Center..... No

** Not used in calculating hospital mortality rates.

HEGG MEMORIAL HEALTH CENTER

Medicare Provider Number: 160145

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	112	17.9	10.9	4.1	24.1	16.0	4.4	25.9	20.0	4.8
CONDITIONS:										
Acute Myocardial Infarction.....	5	40.0	29.4	*	40.0	33.5	*	40.0	37.5	*
Congestive Heart Failure.....	3	0.0	9.6	*	33.3	15.7	*	66.7	21.3	*
Pneumonia/Influenza.....	16	18.8	15.6	*	31.3	22.1	*	31.3	27.1	*
Chronic Obstructive Pulmonary Disease.....	2	0.0	5.4	*	0.0	10.8	*	0.0	15.4	*
Transient Cerebral Ischemia.....	0									
Stroke.....	6	33.3	18.5	*	33.3	25.0	*	33.3	30.2	*
Hip Fracture.....	0									
Sepsis.....	4	50.0	27.3	*	75.0	34.0	*	75.0	40.7	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	1	0.0	0.5	*	0.0	1.1	*	0.0	1.7	*
Cholecystectomy.....	2	0.0	0.7	*	0.0	1.5	*	0.0	2.1	*
Hysterectomy.....	1	0.0	0.2	*	0.0	0.4	*	0.0	0.6	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	107	18.7	11.0	4.3	25.2	15.5	5.1	29.9	19.0	5.6
CONDITIONS:										
Acute Myocardial Infarction.....	6	33.3	40.2	*	33.3	43.5	*	33.3	47.0	*
Congestive Heart Failure.....	4	25.0	14.3	*	25.0	21.2	*	25.0	27.1	*
Pneumonia/Influenza.....	16	25.0	16.7	*	37.5	23.8	*	43.8	28.9	*
Chronic Obstructive Pulmonary Disease.....	2	0.0	7.6	*	50.0	13.0	*	50.0	17.0	*
Transient Cerebral Ischemia.....	0									
Stroke.....	8	25.0	18.6	*	25.0	25.3	*	37.5	30.2	*
Hip Fracture.....	0									
Sepsis.....	1	100.0	10.3	*	100.0	16.0	*	100.0	20.2	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	9	0.0	0.5	*	0.0	1.2	*	0.0	2.1	*
Cholecystectomy.....	3	0.0	1.5	*	0.0	3.0	*	0.0	4.0	*
Hysterectomy.....	3	0.0	0.1	*	0.0	0.1	*	0.0	0.2	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.



Hegg Memorial Health Center

Rock Valley, Iowa 51247

Divisions

Hegg Memorial Hospital
1200 21st Avenue
(712) 476-5305

Valley Manor Nursing Home
1300 21st Avenue
(712) 476-2831

December 21, 1990

Health Care Financing Administration
Health Standards and Quality Bureau
Attention: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Mrs. Kappert:

As a hospital administrator, data which appropriately reflects the quality of care which an institution provides is invaluable. However, caution must be asserted to assure that inappropriate data is not misrepresented as a guide to quality care.

HCFA's annual mortality rates provide a solid base to stem review from, yet statistical problems inherent to the review of rural providers can misrepresent the true quality.

Current HCFA statistics place our facility's mortality rate at approximately 1.4 standard deviations above the predicted, a rate which initially concerned our staff. After a review of the records, it was determined that the care provided was appropriate. The average age of those reviewed was 82.2 years!

I do not believe that the combination of appropriate care and relatively high mortality rate is unique to our institution. I would suggest that HCFA's statistical system for mortality rates is inherently unfair to rural institutions. The cause for this being:

- 1) Rural America's disproportionate percentage of elderly,
- 2) Small hospital affiliated with long term care facilities further skew the disproportionate age, and
- 3) Rural hospitals often have an insufficient sample size to justly reflect true quality problems through simple statistical measures.

I am not adverse to receiving critical data regarding our institution. Quite to the contrary, any information which could help increase the quality of care we provide is very welcome. However, I do find it troubling that unrepresentative statistics find a way into press.

As information becomes more readily available, I hope better means of measuring "quality" can be established. Please be cautious when analyzing the rural provider; statistics can lie, and these lies are often very damaging.

Listed below are corrections to Hegg Memorial Health Center's hospital characteristics:

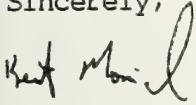
Physicians - 3

RN's -	Acute 19	ICF 3	<u>Total</u> 22
--------	----------	-------	-----------------

LPN's-	Acute 0	ICF 16	<u>Total</u> 16
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Thank you for this opportunity to discuss what I consider to be extreme statistical misrepresentation. I hope rural health care centers will be more cautiously examined in the future -- what works for urban medical centers often does not equally well measure rural hospitals.

Sincerely,



Kent Monical,
Administrator

KM/nh

HENRY COUNTY HEALTH CENTER

Saunders Park
Mount Pleasant, IA 52641

Medicare Provider Number: 160106

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	245	13.1	13.4	2.8	15.5	19.0	3.2	17.1	23.5	3.6
CONDITIONS:										
Acute Myocardial Infarction.....	10	30.0	28.0	*	30.0	31.9	*	30.0	35.8	*
Congestive Heart Failure.....	23	13.0	16.0	*	17.4	24.1	*	17.4	30.9	*
Pneumonia/Influenza.....	24	29.2	22.2	*	37.5	29.9	*	41.7	35.6	*
Chronic Obstructive Pulmonary Disease.....	1	100.0	11.2	*	100.0	21.9	*	100.0	30.7	*
Transient Cerebral Ischemia.....	5	0.0	2.2	*	0.0	4.8	*	0.0	7.7	*
Stroke.....	19	5.3	18.7	*	10.5	24.6	*	10.5	29.0	*
Hip Fracture.....	0									
Sepsis.....	2	0.0	25.3	*	0.0	34.7	*	0.0	41.9	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	3	0.0	0.6	*	0.0	1.4	*	0.0	2.3	*
Cholecystectomy.....	6	0.0	2.4	*	0.0	3.8	*	0.0	4.6	*
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 61
Occupancy Rate..... 79
Ownership/Control..... Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 35
Percent of Physicians Board Certified Specialists..... 80
Medical Residents/Interns..... 0
Registered Nurses..... 38
Licensed Practical Nurses..... 3

SPECIALTY SERVICES:

Burn Unit..... No
Cardiac Intensive Care..... Yes
Comprehensive Geriatric..... Yes
Hospice Care..... No
Medical/Surgical Intensive Care..... No
Organ/Tissue Transplant..... No
Other Intensive Care..... No
Rehabilitation Unit..... No
Trauma Center..... No

** Not used in calculating hospital mortality rates.

HENRY COUNTY HEALTH CENTER

Medicare Provider Number: 160106

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	253	15.8	11.7	2.7	22.1	16.6	3.6	26.1	20.4	3.8
CONDITIONS:										
Acute Myocardial Infarction.....	10	30.0	32.4	*	30.0	34.9	*	30.0	38.2	*
Congestive Heart Failure.....	15	26.7	15.6	*	33.3	23.2	*	40.0	29.6	*
Pneumonia/Influenza.....	17	35.3	15.5	*	41.2	20.7	*	41.2	25.1	*
Chronic Obstructive Pulmonary Disease.....	1	0.0	22.3	*	0.0	29.2	*	0.0	35.6	*
Transient Cerebral Ischemia.....	3	0.0	2.7	*	0.0	5.6	*	0.0	8.5	*
Stroke.....	22	27.3	21.8	*	36.4	29.1	*	36.4	34.1	*
Hip Fracture.....	0									
Sepsis.....	3	33.3	25.1	*	33.3	35.8	*	33.3	42.1	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	2	0.0	0.4	*	0.0	1.1	*	0.0	2.0	*
Cholecystectomy.....	9	0.0	2.5	*	0.0	3.8	*	0.0	4.6	*
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	233	10.3	12.5	2.8	15.5	17.1	2.9	20.2	21.0	2.7
CONDITIONS:										
Acute Myocardial Infarction.....	15	33.3	40.9	*	33.3	43.8	*	33.3	47.5	*
Congestive Heart Failure.....	10	20.0	17.9	*	20.0	25.9	*	30.0	32.7	*
Pneumonia/Influenza.....	14	14.3	17.1	*	14.3	23.8	*	28.6	28.7	*
Chronic Obstructive Pulmonary Disease.....	3	0.0	5.4	*	0.0	10.2	*	0.0	14.6	*
Transient Cerebral Ischemia.....	3	0.0	2.1	*	0.0	4.6	*	33.3	7.3	*
Stroke.....	22	9.1	21.1	*	22.7	27.5	*	22.7	32.2	*
Hip Fracture.....	0									
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	1	0.0	1.2	*	0.0	2.4	*	0.0	3.5	*
Cholecystectomy.....	5	0.0	1.9	*	0.0	3.2	*	0.0	3.9	*
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

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Henry County Health Center

Hospital I.D. # 160106

January 8, 1991

Health Care Financing Administration
Health Standards and Quality Bureau
Attn: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

To Whom It May Concern:

The Medicare mortality rate comparisons, years 1989, 1988 and 1987, have been reviewed. The following observations are made:

Henry County Health Center, in 1989, was below the predicted overall mortality rate for all causes (observed 13.1%, predicted 13.4% in 30 days) and proportionately lower at the 90 and 180 day statistics. This is an improvement over 1988 mortality rates of all causes; observed 15.8%, predicted 11.7%.

Specific improvement is noted in pneumonia cases (24), 1989 observed 29.2%, predicted 22.2%; as compared with pneumonia cases (17) observed 35.3%, predicted 15.5%.

The Quality Assessment Committee feels that the differences between observed and predicted rates are not significant for further study at this time. The number of deaths in each category is too small for an estimated standard deviation. Henry County Health Center tends to have a very elderly inpatient population who have multiple disease processes, complications, or underlying terminal conditions.

Henry County Health Center will continue to monitor and evaluate the patient care provided and will use the HCFA reports as an adjunct for continued focused review.

Thank you for the opportunity to respond to the data as presented.

Sincerely,

Betty Prill, RN, CPQA
QA Coordinator
Henry County Health Center

Saunders Park ■ Mt. Pleasant, Iowa 52641 ■ (319) 385-3141



Voluntary Hospitals of Iowa

Charter Member

HOLY FAMILY HOSPITAL

326 N 8th St
Estherville, IA 51334

Medicare Provider Number: 160002

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	424	7.8	8.1	1.7	13.0	12.1	1.7	15.8	15.3	2.2
CONDITIONS:										
Acute Myocardial Infarction.....	17	23.5	25.4	*	35.3	29.1	*	35.3	32.5	*
Congestive Heart Failure.....	25	16.0	15.6	*	28.0	24.1	*	32.0	30.8	*
Pneumonia/Influenza.....	19	5.3	14.0	*	5.3	18.9	*	15.8	22.9	*
Chronic Obstructive Pulmonary Disease.....	7	0.0	5.3	*	14.3	9.5	*	14.3	13.3	*
Transient Cerebral Ischemia.....	2	0.0	2.0	*	0.0	4.2	*	0.0	6.4	*
Stroke.....	20	15.0	19.4	*	30.0	25.7	*	30.0	30.0	*
Hip Fracture.....	12	0.0	4.6	*	8.3	8.8	*	8.3	11.9	*
Sepsis.....	1	100.0	47.7	*	100.0	74.4	*	100.0	89.5	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	7	0.0	3.5	*	0.0	6.5	*	14.3	9.4	*
Carotid Endarterectomy.....	3	0.0	2.1	*	0.0	4.4	*	0.0	6.4	*
Hip Replacement/Reconstruction.....	15	6.7	2.9	*	13.3	5.7	*	13.3	7.8	*
Open Reduction of Hip Fracture.....	1	0.0	3.9	*	0.0	7.5	*	0.0	10.1	*
Prostatectomy.....	20	5.0	0.5	*	10.0	1.1	*	15.0	2.0	*
Cholecystectomy.....	17	0.0	1.7	*	0.0	2.9	*	0.0	3.6	*
Hysterectomy.....	4	0.0	0.2	*	0.0	0.5	*	0.0	0.8	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 58
Occupancy Rate..... 40
Ownership/Control..... Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 12
Percent of Physicians Board Certified Specialists..... 58
Medical Residents/Interns..... 0
Registered Nurses..... 46
Licensed Practical Nurses..... 13

SPECIALTY SERVICES:

Burn Unit..... No
Cardiac Intensive Care..... No
Comprehensive Geriatric..... Yes
Hospice Care..... Yes
Medical/Surgical Intensive Care..... Yes
Organ/Tissue Transplant..... No
Other Intensive Care..... Yes
Rehabilitation Unit..... No
Trauma Center..... No

** Not used in calculating hospital mortality rates.

HOLY FAMILY HOSPITAL
Medicare Provider Number: 160002

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	401	7.7	8.8	2.1	12.2	13.0	2.7	15.7	16.3	2.1
CONDITIONS:										
Acute Myocardial Infarction.....	18	5.6	31.2	*	16.7	34.7	*	16.7	38.5	*
Congestive Heart Failure.....	25	12.0	14.0	*	12.0	21.4	*	20.0	27.7	*
Pneumonia/Influenza.....	15	0.0	18.2	*	0.0	23.9	*	20.0	28.4	*
Chronic Obstructive Pulmonary Disease.....	6	0.0	7.2	*	0.0	13.7	*	0.0	19.5	*
Transient Cerebral Ischemia.....	2	0.0	1.7	*	0.0	3.2	*	0.0	4.9	*
Stroke.....	11	18.2	25.2	*	45.5	31.5	*	45.5	36.3	*
Hip Fracture.....	17	17.6	4.9	*	23.5	9.2	*	29.4	12.0	*
Sepsis.....	1	100.0	47.3	*	100.0	53.7	*	100.0	61.3	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	3	0.0	5.9	*	0.0	10.2	*	0.0	13.5	*
Carotid Endarterectomy.....	8	12.5	1.4	*	12.5	2.7	*	12.5	4.0	*
Hip Replacement/Reconstruction.....	10	20.0	4.3	*	20.0	8.3	*	20.0	10.9	*
Open Reduction of Hip Fracture.....	2	0.0	4.4	*	0.0	8.1	*	0.0	10.5	*
Prostatectomy.....	17	5.9	0.9	*	5.9	2.2	*	5.9	3.8	*
Cholecystectomy.....	9	0.0	1.8	*	0.0	3.2	*	0.0	4.0	*
Hysterectomy.....	5	0.0	0.3	*	0.0	0.5	*	0.0	0.7	*

*The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	350	6.9	9.3	1.9	13.1	13.4	2.3	16.0	16.7	2.1
CONDITIONS:										
Acute Myocardial Infarction.....	16	12.5	31.6	*	18.8	35.0	*	25.0	38.7	*
Congestive Heart Failure.....	12	8.3	16.0	*	25.0	23.9	*	25.0	30.3	*
Pneumonia/Influenza.....	10	10.0	17.8	*	10.0	23.6	*	10.0	28.4	*
Chronic Obstructive Pulmonary Disease.....	7	14.3	13.1	*	28.6	20.7	*	28.6	25.3	*
Transient Cerebral Ischemia.....	5	0.0	1.4	*	0.0	2.8	*	0.0	4.4	*
Stroke.....	16	12.5	18.2	*	18.8	24.5	*	25.0	28.9	*
Hip Fracture.....	11	0.0	4.7	*	0.0	8.7	*	0.0	11.4	*
Sepsis.....	3	0.0	19.5	*	33.3	30.5	*	33.3	37.3	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	5	20.0	5.5	*	40.0	8.6	*	40.0	10.6	*
Carotid Endarterectomy.....	11	0.0	1.7	*	0.0	3.1	*	0.0	4.3	*
Hip Replacement/Reconstruction.....	10	0.0	2.4	*	0.0	4.8	*	0.0	7.0	*
Open Reduction of Hip Fracture.....	1	0.0	6.9	*	0.0	13.6	*	0.0	17.8	*
Prostatectomy.....	14	7.1	0.6	*	7.1	1.4	*	7.1	2.3	*
Cholecystectomy.....	12	8.3	1.3	*	16.7	2.2	*	16.7	2.8	*
Hysterectomy.....	2	0.0	0.3	*	0.0	0.6	*	0.0	0.8	*

*The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HORN MEMORIAL HOSPITAL

East 2nd St
Ida Grove, IA 51445

Medicare Provider Number: 160131

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	159	11.9	13.4	3.0	22.0	19.4	3.9	25.8	24.0	3.9
CONDITIONS:										
Acute Myocardial Infarction.....	8	25.0	34.2	*	25.0	37.4	*	25.0	41.2	*
Congestive Heart Failure.....	14	7.1	14.4	*	28.6	21.9	*	35.7	28.4	*
Pneumonia/Influenza.....	22	22.7	18.7	*	27.3	25.3	*	31.8	30.6	*
Chronic Obstructive Pulmonary Disease.....	2	0.0	3.5	*	0.0	6.7	*	0.0	10.0	*
Transient Cerebral Ischemia.....	1	0.0	1.0	*	0.0	2.1	*	0.0	3.2	*
Stroke.....	6	16.7	23.8	*	16.7	32.1	*	33.3	37.7	*
Hip Fracture.....	7	14.3	5.6	*	14.3	10.6	*	14.3	14.2	*
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	3	0.0	3.9	*	0.0	7.9	*	0.0	11.1	*
Open Reduction of Hip Fracture.....	3	33.3	4.4	*	33.3	9.2	*	33.3	12.8	*
Prostatectomy.....	2	0.0	0.5	*	0.0	1.0	*	50.0	1.7	*
Cholecystectomy.....	2	0.0	1.1	*	0.0	2.0	*	0.0	2.6	*
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1988

Total Beds..... 42
Occupancy Rate..... 40
Ownership/Control..... Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 8
Percent of Physicians Board Certified Specialists..... 50
Medical Residents/Interns..... 0
Registered Nurses..... 25
Licensed Practical Nurses..... 1

SPECIALTY SERVICES:

Burn Unit..... No
Cardiac Intensive Care..... No
Comprehensive Geriatric..... No
Hospice Care..... No
Medical/Surgical Intensive Care..... Yes
Organ/Tissue Transplant..... No
Other Intensive Care..... No
Rehabilitation Unit..... No
Trauma Center..... No

** Not used in calculating hospital mortality rates.

HORN MEMORIAL HOSPITAL

Medicare Provider Number: 160131

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	221	19.5	12.7	3.3	22.2	18.2	3.6	25.8	22.3	3.4
CONDITIONS:										
Acute Myocardial Infarction.....	17	47.1	32.7	*	47.1	35.7	*	47.1	39.3	*
Congestive Heart Failure.....	8	0.0	15.2	*	12.5	23.3	*	12.5	30.0	*
Pneumonia/Influenza.....	24	25.0	17.9	*	25.0	23.7	*	29.2	28.5	*
Chronic Obstructive Pulmonary Disease.....	2	0.0	3.9	*	0.0	7.6	*	0.0	11.0	*
Transient Cerebral Ischemia.....	6	0.0	2.8	*	0.0	6.3	*	0.0	10.0	*
Stroke.....	9	55.6	18.7	*	55.6	24.2	*	55.6	28.5	*
Hip Fracture.....	15	20.0	7.9	*	20.0	14.5	*	20.0	18.4	*
Sepsis.....	2	100.0	34.0	*	100.0	39.6	*	100.0	46.4	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	9	11.1	5.0	*	11.1	10.0	*	11.1	13.2	*
Open Reduction of Hip Fracture.....	6	33.3	10.1	*	33.3	18.9	*	33.3	24.2	*
Prostatectomy.....	7	0.0	1.5	*	0.0	3.6	*	0.0	5.7	*
Cholecystectomy.....	5	0.0	7.1	*	0.0	11.4	*	0.0	15.4	*
Hysterectomy.....	4	25.0	1.3	*	25.0	3.3	*	25.0	5.8	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	224	16.1	11.2	3.1	22.3	16.4	3.9	26.8	20.4	4.0
CONDITIONS:										
Acute Myocardial Infarction.....	6	66.7	35.5	*	83.3	40.1	*	83.3	44.5	*
Congestive Heart Failure.....	15	40.0	15.3	*	46.7	22.9	*	53.3	29.6	*
Pneumonia/Influenza.....	22	36.4	21.2	*	45.5	28.6	*	50.0	34.3	*
Chronic Obstructive Pulmonary Disease.....	1	0.0	2.3	*	0.0	4.5	*	0.0	6.5	*
Transient Cerebral Ischemia.....	1	0.0	1.3	*	0.0	2.8	*	0.0	4.4	*
Stroke.....	11	27.3	22.1	*	36.4	28.4	*	36.4	33.3	*
Hip Fracture.....	13	0.0	7.0	*	7.7	12.8	*	23.1	16.5	*
Sepsis.....	1	0.0	33.5	*	0.0	40.3	*	0.0	47.5	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	6	0.0	5.8	*	0.0	11.1	*	16.7	14.5	*
Open Reduction of Hip Fracture.....	7	0.0	5.8	*	14.3	11.4	*	14.3	15.2	*
Prostatectomy.....	9	0.0	2.3	*	0.0	5.8	*	11.1	9.6	*
Cholecystectomy.....	3	0.0	1.6	*	0.0	2.5	*	0.0	3.1	*
Hysterectomy.....	1	0.0	1.8	*	0.0	5.1	*	100.0	9.6	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOWARD COUNTY HOSPITAL

235-8th Ave West
Cresco, IA 52136

Medicare Provider Number: 160068

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	163	19.6	10.5	3.5	23.9	15.7	3.6	28.8	19.9	3.9
CONDITIONS:										
Acute Myocardial Infarction.....	8	0.0	22.7	*	12.5	27.5	*	12.5	32.0	*
Congestive Heart Failure.....	10	30.0	13.8	*	30.0	22.0	*	40.0	28.8	*
Pneumonia/Influenza.....	17	29.4	18.5	*	41.2	25.7	*	41.2	31.3	*
Chronic Obstructive Pulmonary Disease.....	2	0.0	4.6	*	0.0	9.1	*	0.0	13.5	*
Transient Cerebral Ischemia.....	3	0.0	2.7	*	0.0	6.4	*	0.0	10.3	*
Stroke.....	10	60.0	16.3	*	60.0	21.8	*	60.0	26.0	*
Hip Fracture.....	2	0.0	3.5	*	0.0	6.6	*	50.0	9.0	*
Sepsis.....	1	0.0	22.7	*	0.0	27.4	*	0.0	33.3	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	1	0.0	3.0	*	0.0	5.9	*	0.0	8.2	*
Prostatectomy.....	6	0.0	0.7	*	0.0	1.8	*	0.0	3.1	*
Cholecystectomy.....	4	0.0	1.8	*	0.0	3.4	*	25.0	4.6	*
Hysterectomy.....	4	0.0	0.4	*	0.0	0.6	*	0.0	1.0	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 42
Occupancy Rate..... 19
Ownership/Control..... Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 9
Percent of Physicians Board Certified Specialists..... 44
Medical Residents/Interns..... 0
Registered Nurses..... 20
Licensed Practical Nurses..... 1

SPECIALTY SERVICES:

Burn Unit..... No
Cardiac Intensive Care..... No
Comprehensive Geriatric..... No
Hospice Care..... No
Medical/Surgical Intensive Care..... Yes
Organ/Tissue Transplant..... No
Other Intensive Care..... No
Rehabilitation Unit..... No
Trauma Center..... No

** Not used in calculating hospital mortality rates.

HOWARD COUNTY HOSPITAL

Medicare Provider Number: 160068

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	221	14.9	10.0	2.9	23.5	14.9	3.9	26.2	18.7	3.6
CONDITIONS:										
Acute Myocardial Infarction.....	8	62.5	36.7	*	75.0	39.9	*	75.0	43.6	*
Congestive Heart Failure.....	12	8.3	13.8	#	8.3	21.2	*	25.0	27.4	#
Pneumonia/Influenza.....	13	38.5	15.4	*	46.2	21.2	*	61.5	25.6	#
Chronic Obstructive Pulmonary Disease.....	1	100.0	7.8	*	100.0	11.2	*	100.0	15.9	*
Transient Cerebral Ischemia.....	3	0.0	2.2	*	0.0	5.0	#	0.0	7.8	*
Stroke.....	12	33.3	18.7	*	50.0	23.9	*	50.0	28.2	#
Hip Fracture.....	3	33.3	8.6	#	33.3	15.3	*	33.3	19.3	*
Sepsis.....	3	33.3	29.7	#	66.7	37.8	*	66.7	45.4	#
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	1	0.0	8.0	*	0.0	15.4	*	0.0	19.8	*
Open Reduction of Hip Fracture.....	2	50.0	7.4	*	50.0	13.7	*	50.0	17.7	*
Prostatectomy.....	14	0.0	0.9	*	0.0	2.0	*	7.1	3.2	*
Cholecystectomy.....	6	0.0	1.6	*	0.0	2.9	*	0.0	3.8	*
Hysterectomy.....	2	0.0	0.2	*	0.0	0.4	*	0.0	0.7	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	200	12.0	8.8	3.0	17.0	13.6	3.9	20.5	17.5	3.8
CONDITIONS:										
Acute Myocardial Infarction.....	5	0.0	26.7	*	20.0	29.0	#	20.0	31.9	#
Congestive Heart Failure.....	14	14.3	14.9	*	28.6	23.2	*	35.7	30.3	#
Pneumonia/Influenza.....	7	14.3	13.4	#	14.3	18.3	*	14.3	22.6	#
Chronic Obstructive Pulmonary Disease.....	2	0.0	5.1	*	0.0	10.0	#	0.0	14.4	*
Transient Cerebral Ischemia.....	4	0.0	1.8	*	25.0	4.0	*	25.0	6.4	*
Stroke.....	11	36.4	21.3	*	45.5	28.1	*	45.5	33.3	*
Hip Fracture.....	5	0.0	6.8	*	0.0	13.0	*	0.0	17.6	*
Sepsis.....	3	33.3	23.1	#	66.7	34.8	*	66.7	41.9	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	1	0.0	4.0	*	0.0	7.5	#	0.0	10.1	*
Open Reduction of Hip Fracture.....	2	0.0	3.8	#	0.0	8.3	*	0.0	11.9	*
Prostatectomy.....	11	9.1	1.3	#	9.1	2.9	*	9.1	4.6	#
Cholecystectomy.....	1	0.0	0.8	#	0.0	1.4	*	0.0	1.8	*
Hysterectomy.....	3	0.0	0.3	#	0.0	0.6	*	0.0	0.8	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.



HOWARD
COUNTY
HOSPITAL

Quality Health Care Since 1902

235 8th Ave. W., Cresco, Iowa 52136-1098
319/547/2101

Medicare Provider Number: 160068

January 8, 1991

Health Care Financing Administration
Health Standards and Quality Bureau
ATTENTION: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Ms. Kappert:

We would like to submit the following comments regarding our hospital mortality rate for fiscal year 1989:

Of the 163 cases, we had an observed mortality rate of 19.6% with a predicted rate of 10.5% and a standard deviation of the predicted rate at 3.5%. All deaths within 30 days of discharge were reviewed and no quality problems were found. The patients were appropriately treated for their conditions during hospitalization. The average age of patients that expired within 30 days of discharge was 85 years old. This is more than several years beyond the national life expectancy for both men and women in the United States. 50% of the patients that died within 30 days of discharge entered the hospital from a nursing home indicating they were already chronically ill patients. 82% of the patients and/or their families requested a "No Code" status in the event of cardiorespiratory arrest because of their age and conditions, while they continued to receive appropriate treatment.

For the 17 specific conditions and procedures identified, we did not have enough cases to permit a satisfactory estimation of the standard deviation. Only three of the specific conditions identified had deaths within 30 days of discharge including congestive heart failure, pneumonia/influenza, and stroke. There were 3 CHF deaths: 81 year old with acute and chronic CHF refractive to therapy who expired several hours after admission; 92 year old with acute pulmonary edema, pneumonia and renal insufficiency who died within 24 hours of admission, and a 90 year old who was stable on discharge but died 10 days later. There were 7 pneumonia/influenza deaths: 101 year old who died shortly after admission; 88 year old with CHF, atrial fibrillation, COPD, cardiomyopathy, sick sinus syndrome with pacemaker in addition to the pneumonia who died after 10 days in the hospital; 84 year old with respiratory failure and CHF who was unsuccessfully coded after a five day stay; 73 year old with terminal lung cancer with secondary pneumonia and COPD; 87 year old immunocompromised host with myelodysplastic disorder, severe anemia, and CHF with pneumonia who requested no more transfusions knowing death would be imminent and died 27 days after discharge; 83 year old with bilateral pneumonia with secondary respiratory failure and end stage COPD who died a few hours after admission; and an 87 year old brought in unresponsive with pneumonia and acute renal failure who died within 24 hours of admission.

There were six deaths due to stroke: 78 year old in a coma 10 days prior to his death following a 35 day hospitalization; 76 year old with a massive CVA in a semi-conscious state and then a deep coma for 13 days; 87 year old with a massive brain stem infarct unresponsive during the 9 day stay; 88 year old with a massive CVA who died within 24 hours; 88 year old with CVA with multiple small infarcts in the occipital lobes who expired after 8 days; and an 86 year old who was essentially unresponsive during his 7 day hospitalization. 13 of these 16 cases had a "No Code" status at patient/family request.

We did not have any deaths attributed to MI, COPD, TIA, hip fracture, sepsis, or any of the procedures listed.

As stated previously, these patients, as well as all of those who expired within 30 days of discharge received appropriate care and there were no quality problems identified upon review. It should also be noted that all deaths are reviewed at the monthly quality assurance committee meeting and we have not identified any quality related problems.

Howard County Hospital is accredited by the Joint Commission on Accreditation of Healthcare Organizations. The Joint Commission has re-accredited Howard County Hospital for three years and has reviewed and verified that quality care is provided at Howard County Hospital.

Sincerely,



Michael P. Ellermann
Administrator

MPH/lr

HUMBOLDT COUNTY MEMORIAL HOSPITAL

1000 15th North Box 587

Humboldt, IA 50548

Medicare Provider Number: 160152

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	178	10.7	9.0	2.4	12.9	13.6	2.6	14.0	17.5	3.6
CONDITIONS:										
Acute Myocardial Infarction.....	6	33.3	29.3	*	33.3	33.5	*	33.3	37.8	*
Congestive Heart Failure.....	12	25.0	12.2	*	25.0	19.8	*	33.3	26.5	*
Pneumonia/Influenza.....	22	18.2	17.2	*	22.7	23.9	*	22.7	29.1	*
Chronic Obstructive Pulmonary Disease.....	5	0.0	4.5	*	20.0	9.1	*	20.0	13.9	*
Transient Cerebral Ischemia.....	0									
Stroke.....	8	25.0	22.2	*	37.5	27.7	*	37.5	32.2	*
Hip Fracture.....	0									
Sepsis.....	8	0.0	22.5	*	0.0	27.5	*	0.0	32.9	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	10	0.0	1.3	*	0.0	3.4	*	0.0	5.9	*
Cholecystectomy.....	6	0.0	2.1	*	0.0	4.1	*	0.0	5.7	*
Hysterectomy.....	2	0.0	1.7	*	0.0	3.9	*	0.0	6.2	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 49
 Occupancy Rate..... 59
 Ownership/Control..... Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 18
 Percent of Physicians Board Certified Specialists..... 100
 Medical Residents/Interns..... 0
 Registered Nurses..... 28
 Licensed Practical Nurses..... 6

SPECIALTY SERVICES:

Burn Unit..... No
 Cardiac Intensive Care..... No
 Comprehensive Geriatric..... No
 Hospice Care..... No
 Medical/Surgical Intensive Care..... Yes
 Organ/Tissue Transplant..... No
 Other Intensive Care..... No
 Rehabilitation Unit..... No
 Trauma Center..... No

** Not used in calculating hospital mortality rates.

HUMBOLDT COUNTY MEMORIAL HOSPITAL

Medicare Provider Number: 160152

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	212	9.4	8.1	3.0	14.2	12.6	3.4	17.0	16.4	3.1
CONDITIONS:										
Acute Myocardial Infarction.....	5	0.0	23.9	*	20.0	28.0	*	20.0	32.1	*
Congestive Heart Failure.....	17	17.6	12.6	*	29.4	19.6	*	29.4	25.6	*
Pneumonia/Influenza.....	11	9.1	15.0	*	9.1	21.9	*	9.1	27.3	*
Chronic Obstructive Pulmonary Disease.....	9	11.1	4.7	*	22.2	8.6	*	22.2	12.1	*
Transient Cerebral Ischemia.....	4	0.0	1.8	*	0.0	4.0	*	25.0	6.4	*
Stroke.....	10	10.0	16.3	*	10.0	22.6	*	10.0	27.1	*
Hip Fracture.....	0									
Sepsis.....	7	14.3	20.8	*	28.6	30.2	*	28.6	37.2	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	9	0.0	1.1	*	0.0	2.7	*	0.0	4.6	*
Cholecystectomy.....	3	0.0	1.5	*	0.0	2.9	*	0.0	3.8	*
Hysterectomy.....	4	0.0	1.3	*	0.0	2.5	*	0.0	3.6	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	155	6.5	6.9	2.6	10.3	11.2	3.1	13.5	14.9	3.1
CONDITIONS:										
Acute Myocardial Infarction.....	3	0.0	32.1	*	0.0	36.6	*	0.0	40.9	*
Congestive Heart Failure.....	8	25.0	13.3	*	50.0	21.0	*	62.5	27.5	*
Pneumonia/Influenza.....	17	17.6	13.7	*	23.5	19.3	*	23.5	23.9	*
Chronic Obstructive Pulmonary Disease.....	7	0.0	3.5	*	0.0	6.9	*	0.0	10.2	*
Transient Cerebral Ischemia.....	1	0.0	1.4	*	0.0	3.2	*	0.0	5.1	*
Stroke.....	10	10.0	15.0	*	20.0	21.9	*	20.0	26.4	*
Hip Fracture.....	0									
Sepsis.....	2	0.0	15.1	*	0.0	22.6	*	0.0	28.3	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	2	0.0	0.9	*	0.0	2.0	*	50.0	3.0	*
Cholecystectomy.....	7	0.0	1.1	*	0.0	1.8	*	0.0	2.5	*
Hysterectomy.....	1	0.0	0.2	*	0.0	0.3	*	0.0	0.5	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

IOWA LUTHERAN HOSPITAL

Univ and Penn Ave
Des Moines, IA 50316

Medicare Provider Number: 160024

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,677	8.1	8.9	0.9	12.6	13.8	1.1	17.5	17.6	0.9
CONDITIONS:										
Acute Myocardial Infarction.....	39	28.2	30.6	*	35.9	34.4	*	38.5	38.0	*
Congestive Heart Failure.....	68	19.1	16.7	5.0	29.4	25.5	6.3	41.2	32.4	9.7
Pneumonia/Influenza.....	79	7.6	17.3	5.6	13.9	24.1	6.1	25.3	29.3	5.5
Chronic Obstructive Pulmonary Disease.....	26	11.5	10.2	*	19.2	17.2	*	23.1	23.0	*
Transient Cerebral Ischemia.....	19	0.0	2.2	*	0.0	5.0	*	0.0	8.0	*
Stroke.....	56	16.1	20.3	6.5	26.8	27.2	6.0	30.4	31.9	6.4
Hip Fracture.....	50	6.0	6.8	*	8.0	12.2	*	14.0	15.7	*
Sepsis.....	20	15.0	26.0	*	20.0	33.9	*	20.0	39.8	*
PROCEDURES:										
Angioplasty.....	6	0.0	5.1	*	0.0	5.9	*	0.0	7.1	*
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	8	0.0	4.0	*	0.0	6.4	*	0.0	8.2	*
Carotid Endarterectomy.....	7	0.0	1.2	*	0.0	2.1	*	0.0	3.2	*
Hip Replacement/Reconstruction.....	30	3.3	2.2	*	3.3	4.3	*	3.3	5.9	*
Open Reduction of Hip Fracture.....	25	8.0	7.0	*	8.0	12.9	*	16.0	16.7	*
Prostatectomy.....	75	0.0	1.1	1.8	4.0	2.7	2.4	4.0	4.5	2.5
Cholecystectomy.....	37	0.0	3.5	*	0.0	6.6	*	2.7	8.8	*
Hysterectomy.....	12	0.0	0.5	*	0.0	0.9	*	0.0	1.4	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 349
Occupancy Rate..... 73
Ownership/Control..... Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 162
Percent of Physicians Board Certified Specialists..... 66
Medical Residents/Interns..... 17
Registered Nurses..... 315
Licensed Practical Nurses..... 22

SPECIALTY SERVICES:

Burn Unit..... No
Cardiac Intensive Care..... No
Comprehensive Geriatric..... No
Hospice Care..... No
Medical/Surgical Intensive Care..... Yes
Organ/Tissue Transplant..... No
Other Intensive Care..... No
Rehabilitation Unit..... No
Trauma Center..... No

** Not used in calculating hospital mortality rates.

IOWA LUTHERAN HOSPITAL

Medicare Provider Number: 160024

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,662	7.8	9.1	1.0	12.4	14.0	1.2	15.9	17.9	1.4
CONDITIONS:										
Acute Myocardial Infarction.....	46	39.1	28.8	*	43.5	32.1	*	45.7	35.6	*
Congestive Heart Failure.....	52	9.6	17.6	6.9	19.2	27.0	9.2	23.1	34.4	8.7
Pneumonia/Influenza.....	54	22.2	18.3	5.5	29.6	24.9	6.2	38.9	29.7	7.2
Chronic Obstructive Pulmonary Disease.....	27	3.7	9.6	*	11.1	16.3	*	11.1	21.7	*
Transient Cerebral Ischemia.....	24	0.0	2.3	*	4.2	5.0	*	4.2	8.0	*
Stroke.....	60	18.3	21.2	7.0	21.7	28.3	10.2	25.0	33.0	12.8
Hip Fracture.....	55	9.1	7.7	3.8	14.5	13.6	4.7	20.0	17.1	7.0
Sepsis.....	24	25.0	24.2	*	37.5	31.5	*	37.5	37.1	*
PROCEDURES:										
Angioplasty.....	7	28.6	9.2	*	42.9	12.1	*	42.9	14.5	*
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	8	0.0	3.3	*	0.0	6.5	*	0.0	9.6	*
Carotid Endarterectomy.....	3	0.0	1.3	*	0.0	2.3	*	0.0	3.3	*
Hip Replacement/Reconstruction.....	37	5.4	2.9	*	5.4	5.6	*	8.1	7.8	*
Open Reduction of Hip Fracture.....	31	6.5	7.0	*	12.9	12.7	*	12.9	16.1	*
Prostatectomy.....	71	0.0	1.1	*	0.0	2.6	*	0.0	4.3	*
Cholecystectomy.....	37	0.0	3.5	*	0.0	6.1	*	0.0	7.8	*
Hysterectomy.....	16	0.0	0.6	*	0.0	1.2	*	0.0	1.7	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,513	8.6	7.8	1.0	12.3	12.4	0.9	16.2	16.2	1.0
CONDITIONS:										
Acute Myocardial Infarction.....	40	40.0	25.9	*	42.5	29.2	*	45.0	32.3	*
Congestive Heart Failure.....	53	11.3	18.3	8.5	18.9	28.0	12.0	24.5	35.4	14.2
Pneumonia/Influenza.....	61	16.4	15.2	4.8	21.3	21.2	5.2	27.9	25.8	6.3
Chronic Obstructive Pulmonary Disease.....	10	0.0	10.0	*	0.0	15.4	*	0.0	19.6	*
Transient Cerebral Ischemia.....	24	4.2	2.0	*	4.2	4.2	*	4.2	6.7	*
Stroke.....	53	18.9	19.2	5.4	24.5	25.9	6.1	30.2	30.5	6.4
Hip Fracture.....	45	6.7	5.2	*	6.7	9.6	*	8.9	12.6	*
Sepsis.....	21	33.3	22.5	*	38.1	31.1	*	38.1	37.0	*
PROCEDURES:										
Angioplasty.....	7	0.0	10.7	*	0.0	11.9	*	0.0	13.3	*
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	11	9.1	4.5	*	18.2	8.4	*	27.3	12.0	*
Carotid Endarterectomy.....	1	0.0	1.4	*	0.0	3.2	*	0.0	4.8	*
Hip Replacement/Reconstruction.....	34	0.0	2.3	*	0.0	4.6	*	0.0	6.2	*
Open Reduction of Hip Fracture.....	21	9.5	4.5	*	9.5	8.5	*	9.5	11.3	*
Prostatectomy.....	70	2.9	0.9	1.7	4.3	2.2	2.3	4.3	3.7	2.9
Cholecystectomy.....	31	0.0	2.4	*	0.0	4.8	*	0.0	6.7	*
Hysterectomy.....	10	0.0	1.4	*	0.0	3.2	*	0.0	5.1	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

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16-0024

January 14, 1991

Health Care Financing Administration
Health Standards and Quality Bureau
Attention: Mrs. Sandra Keppert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Sirs:

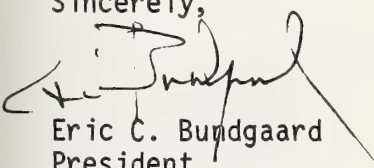
Iowa Lutheran Hospital monitors, concurrently and retrospectively, the quality of care provided to our patients. Our system for review of care meets all the standards of the Joint Commission on Accreditation of Healthcare Organizations, the state of Iowa and the Medicare program. Our hospital and our medical staff work diligently, and at considerable expense, to assure high quality care and to meet the requirements of regulatory entities in a spirit of cooperation for the continual improvement of care. We believe that these efforts provide good results, and make the resources being spent by the Health Care Financing Administration on the mortality data unnecessary.

We also question the usefulness and validity of the mortality data presented in the report because of the probable presence of unidentified influencing factors which the statistical model does not recognize. We believe that the use of a predicted average death rate for comparison to the hospital experience will promote the misuse of the information by uninformed observers. The use of averages to judge hospital care as "below average" or "above average" is not appropriate or statistically sound. We believe that the use of predictive ranges is preferred.

For example, while in 1989 Iowa Lutheran Hospital experienced a slightly above the average rate for the categories of Prostatectomies, and for Congestive Heart Failure, our rate is within the expected ranges as calculated by HCFA. It does not seem well advised to hold out one number as a standard for comparison when a range of acceptable performance is in fact the case.

The proposal to provide the ranges to the Peer Review Organization (PRO) seems reasonable, however we believe that all the information regarding our hospital's patients which is provided to the PRO should also be provided to the hospital when it is given to the PRO.

Sincerely,



Eric C. Bundgaard
President

IOWA METHODIST MEDICAL CENTER

1200 Pleasant St
Des Moines, IA 50308

Medicare Provider Number: 160082

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	4,177	8.0	9.0	0.6	12.7	13.7	0.7	16.1	17.4	0.8
CONDITIONS:										
Acute Myocardial Infarction.....	131	22.9	28.4	4.5	26.0	31.6	4.7	26.7	35.2	5.6
Congestive Heart Failure.....	102	20.6	15.3	4.9	32.4	23.5	7.1	35.3	30.3	7.1
Pneumonia/Influenza.....	121	13.2	16.2	4.2	22.3	22.7	3.9	27.3	27.6	4.1
Chronic Obstructive Pulmonary Disease.....	37	2.7	6.1	*	10.8	11.2	*	13.5	15.8	*
Transient Cerebral Ischemia.....	37	2.7	2.0	*	2.7	4.4	*	2.7	7.0	*
Stroke.....	112	23.2	25.4	4.4	30.4	32.0	5.7	34.8	36.6	4.9
Hip Fracture.....	149	4.7	7.0	3.2	10.7	12.6	4.4	14.1	16.2	3.8
Sepsis.....	38	26.3	26.0	*	42.1	33.8	*	50.0	40.3	*
PROCEDURES:										
Angioplasty.....	92	4.3	4.3	2.1	4.3	5.4	2.6	6.5	6.6	2.6
Coronary Artery Bypass Graft.....	153	8.5	5.2	3.5	9.8	7.2	3.7	9.8	8.6	4.0
Initial Pacemaker Insertion.....	28	3.6	5.2	*	3.6	8.6	*	3.6	11.6	*
Carotid Endarterectomy.....	29	0.0	1.6	*	0.0	3.0	*	0.0	4.4	*
Hip Replacement/Reconstruction.....	200	3.5	2.1	2.1	5.0	3.9	1.9	5.5	5.2	2.2
Open Reduction of Hip Fracture.....	80	2.5	6.6	4.7	12.5	12.4	4.8	16.2	16.2	4.1
Prostatectomy.....	149	2.0	1.2	1.1	3.4	2.7	1.4	4.7	4.4	1.8
Cholecystectomy.....	76	3.9	4.8	2.7	9.2	8.9	3.4	11.8	11.6	3.9
Hysterectomy.....	31	0.0	0.8	*	0.0	1.8	*	0.0	2.7	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 680
Occupancy Rate..... 68
Ownership/Control..... Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 384
Percent of Physicians Board Certified Specialists..... 77
Medical Residents/Interns..... 36
Registered Nurses..... 607
Licensed Practical Nurses..... 22

SPECIALTY SERVICES:

Burn Unit..... Yes
Cardiac Intensive Care..... No
Comprehensive Geriatric..... Yes
Hospice Care..... No
Medical/Surgical Intensive Care..... Yes
Organ/Tissue Transplant..... Yes
Other Intensive Care..... No
Rehabilitation Unit..... Yes
Trauma Center..... Yes

** Not used in calculating hospital mortality rates.

IOWA METHODIST MEDICAL CENTER

Medicare Provider Number: 160082

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	4,040	8.0	9.0	0.5	13.5	13.9	0.9	16.5	17.8	0.7
CONDITIONS:										
Acute Myocardial Infarction.....	78	26.9	29.0	5.8	32.1	32.6	6.3	33.3	36.7	6.3
Congestive Heart Failure.....	63	22.2	17.6	5.5	38.1	25.9	8.4	44.4	32.7	9.1
Pneumonia/Influenza.....	85	15.3	16.8	4.4	21.2	22.8	5.0	24.7	27.5	6.2
Chronic Obstructive Pulmonary Disease.....	43	16.3	8.5	*	27.9	14.8	*	34.9	19.9	*
Transient Cerebral Ischemia.....	41	0.0	1.9	*	2.4	4.2	*	2.4	6.7	*
Stroke.....	132	22.0	25.1	5.5	29.5	31.1	4.5	33.3	35.8	5.0
Hip Fracture.....	136	5.1	7.5	2.9	11.0	13.4	4.1	13.2	17.1	5.6
Sepsis.....	38	23.7	27.5	*	28.9	35.5	*	36.8	41.8	*
PROCEDURES:										
Angioplasty.....	44	4.5	3.5	*	4.5	4.4	*	6.8	5.4	*
Coronary Artery Bypass Graft.....	130	7.7	5.9	3.2	10.8	7.6	4.2	11.5	8.8	4.4
Initial Pacemaker Insertion.....	17	0.0	2.1	*	0.0	4.2	*	5.9	6.3	*
Carotid Endarterectomy.....	30	3.3	1.5	*	3.3	3.0	*	6.7	4.4	*
Hip Replacement/Reconstruction.....	186	1.6	2.4	1.7	3.8	4.5	2.3	4.3	6.0	2.4
Open Reduction of Hip Fracture.....	64	6.3	6.7	3.9	12.5	12.5	4.5	15.6	16.1	4.7
Prostatectomy.....	152	0.7	1.3	1.1	2.0	2.9	1.5	3.3	4.7	2.3
Cholecystectomy.....	58	1.7	3.0	3.0	3.4	5.2	3.9	5.2	6.6	4.0
Hysterectomy.....	39	0.0	2.0	*	0.0	3.6	*	2.6	4.7	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	4,083	8.1	9.1	0.6	13.1	14.2	0.8	16.3	18.2	0.8
CONDITIONS:										
Acute Myocardial Infarction.....	87	34.5	32.2	6.3	36.8	36.1	7.3	36.8	40.2	7.6
Congestive Heart Failure.....	70	18.6	19.5	4.9	30.0	28.5	6.5	38.6	35.6	7.5
Pneumonia/Influenza.....	77	14.3	18.4	7.0	20.8	25.0	7.7	23.4	30.1	10.0
Chronic Obstructive Pulmonary Disease.....	44	15.9	11.2	*	22.7	18.0	*	29.5	23.3	*
Transient Cerebral Ischemia.....	31	0.0	2.0	*	0.0	4.3	*	0.0	6.9	*
Stroke.....	87	14.9	23.2	6.3	25.3	29.6	5.7	27.6	34.4	6.5
Hip Fracture.....	119	8.4	8.3	2.9	11.8	14.5	3.6	13.4	18.5	4.7
Sepsis.....	34	23.5	31.0	*	41.2	41.0	*	44.1	48.1	*
PROCEDURES:										
Angioplasty.....	42	7.1	3.2	*	7.1	4.2	*	7.1	5.4	*
Coronary Artery Bypass Graft.....	114	8.8	6.9	2.6	8.8	9.4	2.8	8.8	10.8	3.1
Initial Pacemaker Insertion.....	20	0.0	3.9	*	0.0	6.9	*	0.0	9.5	*
Carotid Endarterectomy.....	33	0.0	1.8	*	3.0	3.6	*	3.0	5.2	*
Hip Replacement/Reconstruction.....	172	1.2	2.6	1.4	3.5	4.7	2.0	4.1	6.2	2.4
Open Reduction of Hip Fracture.....	60	11.7	7.0	4.3	13.3	13.0	4.5	13.3	16.9	6.0
Prostatectomy.....	138	0.0	1.3	1.4	0.7	3.1	2.4	2.9	5.3	2.6
Cholecystectomy.....	88	2.3	4.0	2.5	6.8	6.8	3.2	8.0	8.7	4.1
Hysterectomy.....	38	2.6	0.7	*	2.6	1.5	*	5.3	2.3	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

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1200 Pleasant Street, Des Moines, Iowa 50309, (515) 283-6212



IOWA METHODIST MEDICAL CENTER

An Iowa Methodist Health System Hospital

Medicare Provider #: 160082

Comments regarding 1989 HCFA Mortality Data January 11, 1991

HCFA Mortality Data are useful for screening, however, they show only if a hospital is different from the average and not the reasons for the difference. Other tools exist which help to classify patients into groups which take into consideration the severity of illness, including complications and comorbidities which affect patient outcomes. A correlation can be made that as the number of complications and comorbidities increase, the greater the probability of death. Only peer review of the actual care provider can indicate whether there is a problem with process of care. We have reviewed our mortality data using the severity tools available to us and review has substantiated our strong conviction that high quality care is being provided at this facility.

Concerning the condition of sepsis, it is our opinion that the 90 and 180 day after admission categories are not meaningful because sepsis is not a chronic disease. Patients get better from the acute situation, however, the underlying disease may cause death. This is especially evident in patients with cancer.

JACKSON COUNTY PUBLIC HOSPITAL

700 W Grove St
Maquoketa, IA 52060

Medicare Provider Number: 160056

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	444	14.2	9.8	1.8	18.5	14.8	1.9	23.0	18.8	2.1
CONDITIONS:										
Acute Myocardial Infarction.....	14	42.9	28.0	*	42.9	32.1	*	42.9	35.9	*
Congestive Heart Failure.....	28	10.7	15.9	*	25.0	24.9	*	35.7	32.0	*
Pneumonia/Influenza.....	39	23.1	15.9	*	30.8	22.0	*	38.5	26.7	*
Chronic Obstructive Pulmonary Disease.....	20	5.0	10.7	*	15.0	16.1	*	15.0	20.9	*
Transient Cerebral Ischemia.....	9	0.0	1.9	*	0.0	4.3	*	0.0	7.0	*
Stroke.....	23	26.1	20.4	*	39.1	27.6	*	39.1	32.3	*
Hip Fracture.....	6	16.7	5.7	*	16.7	10.0	*	16.7	13.2	*
Sepsis.....	2	50.0	28.3	*	50.0	36.4	*	50.0	45.2	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	2	0.0	2.1	*	0.0	5.1	*	0.0	8.1	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	6	16.7	5.0	*	16.7	9.2	*	16.7	12.3	*
Prostatectomy.....	0									
Cholecystectomy.....	6	0.0	3.8	*	16.7	6.8	*	16.7	8.6	*
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 61
Occupancy Rate..... 48
Ownership/Control..... Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 12
Percent of Physicians Board Certified Specialists..... 50
Medical Residents/Interns..... 0
Registered Nurses..... 45
Licensed Practical Nurses..... 4

SPECIALTY SERVICES:

Burn Unit..... No
Cardiac Intensive Care..... No
Comprehensive Geriatric..... No
Hospice Care..... No
Medical/Surgical Intensive Care..... No
Organ/Tissue Transplant..... No
Other Intensive Care..... No
Rehabilitation Unit..... No
Trauma Center..... No

** Not used in calculating hospital mortality rates.

JACKSON COUNTY PUBLIC HOSPITAL

Medicare Provider Number: 160056

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	478	9.8	9.9	2.6	15.9	14.8	2.3	20.1	18.9	2.7
CONDITIONS:										
Acute Myocardial Infarction.....	23	21.7	22.5	*	21.7	25.9	*	26.1	29.1	*
Congestive Heart Failure.....	27	22.2	16.3	*	29.6	24.8	*	37.0	31.9	*
Pneumonia/Influenza.....	33	18.2	16.7	*	18.2	23.3	*	18.2	28.4	*
Chronic Obstructive Pulmonary Disease.....	11	9.1	6.1	*	27.3	11.1	*	27.3	15.7	*
Transient Cerebral Ischemia.....	16	0.0	2.5	*	0.0	5.4	*	6.3	8.4	*
Stroke.....	18	38.9	24.9	*	44.4	31.0	*	44.4	35.9	*
Hip Fracture.....	10	10.0	4.9	*	10.0	9.5	*	10.0	12.6	*
Sepsis.....	1	0.0	17.4	*	0.0	24.6	*	0.0	30.5	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	8	12.5	4.7	*	12.5	9.4	*	12.5	12.7	*
Prostatectomy.....	0									
Cholecystectomy.....	4	0.0	4.9	*	25.0	7.6	*	25.0	8.9	*
Hysterectomy.....	6	0.0	0.2	*	0.0	0.3	*	16.7	0.5	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	455	12.1	10.7	1.6	15.2	15.9	1.8	19.3	20.1	2.0
CONDITIONS:										
Acute Myocardial Infarction.....	25	32.0	31.5	*	36.0	35.3	*	36.0	39.1	*
Congestive Heart Failure.....	32	15.6	20.2	*	21.9	29.6	*	25.0	37.1	*
Pneumonia/Influenza.....	21	19.0	15.3	*	19.0	21.0	*	23.8	25.8	*
Chronic Obstructive Pulmonary Disease.....	7	14.3	8.2	*	14.3	13.7	*	14.3	18.1	*
Transient Cerebral Ischemia.....	8	0.0	3.0	*	0.0	6.9	*	0.0	11.3	*
Stroke.....	24	8.3	21.7	*	16.7	28.6	*	25.0	33.5	*
Hip Fracture.....	9	11.1	6.7	*	11.1	11.8	*	22.2	15.1	*
Sepsis.....	7	0.0	20.2	*	14.3	26.9	*	28.6	32.4	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	6	16.7	6.4	*	16.7	11.7	*	33.3	15.0	*
Prostatectomy.....	0									
Cholecystectomy.....	7	14.3	2.0	*	14.3	3.3	*	14.3	4.3	*
Hysterectomy.....	3	0.0	10.1	*	33.3	15.2	*	33.3	19.7	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

JEFFERSON COUNTY HOSPITAL

400 Highland
Fairfield, IA 52556

Medicare Provider Number: 160115

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	384	8.9	8.7	1.5	12.2	13.1	2.4	15.6	16.6	2.7
CONDITIONS:										
Acute Myocardial Infarction.....	15	20.0	28.0	*	33.3	32.4	*	33.3	36.8	*
Congestive Heart Failure.....	19	21.1	15.6	*	26.3	24.4	*	36.8	31.6	*
Pneumonia/Influenza.....	23	17.4	15.8	*	21.7	21.4	*	34.8	25.9	*
Chronic Obstructive Pulmonary Disease.....	6	0.0	3.5	*	0.0	7.3	*	0.0	11.1	*
Transient Cerebral Ischemia.....	7	0.0	1.4	*	0.0	3.2	*	14.3	5.1	*
Stroke.....	23	8.7	19.6	*	17.4	26.7	*	17.4	31.5	*
Hip Fracture.....	12	0.0	5.9	*	0.0	11.0	*	8.3	14.6	*
Sepsis.....	1	0.0	16.6	*	0.0	24.4	*	0.0	29.7	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	1	0.0	1.4	*	0.0	3.2	*	0.0	5.1	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	5	0.0	5.9	*	0.0	11.4	*	0.0	15.4	*
Open Reduction of Hip Fracture.....	4	0.0	5.8	*	0.0	10.8	*	25.0	14.1	*
Prostatectomy.....	7	0.0	2.1	*	0.0	5.7	*	0.0	9.9	*
Cholecystectomy.....	16	0.0	1.1	*	0.0	1.8	*	0.0	2.4	*
Hysterectomy.....	4	0.0	0.3	*	0.0	0.6	*	0.0	0.9	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 67
Occupancy Rate..... 73
Ownership/Control..... Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 16
Percent of Physicians Board Certified Specialists.... (Not Available)
Medical Residents/Interns..... 0
Registered Nurses..... 31
Licensed Practical Nurses..... 5

SPECIALTY SERVICES:

Burn Unit..... No
Cardiac Intensive Care..... No
Comprehensive Geriatric..... No
Hospice Care..... No
Medical/Surgical Intensive Care..... Yes
Organ/Tissue Transplant..... No
Other Intensive Care..... No
Rehabilitation Unit..... No
Trauma Center..... No

** Not used in calculating hospital mortality rates.

JEFFERSON COUNTY HOSPITAL

Medicare Provider Number: 160115

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	369	14.6	8.5	2.5	17.3	12.4	2.2	20.1	15.7	2.2
CONDITIONS:										
Acute Myocardial Infarction.....	16	18.8	25.7	*	18.8	28.5	*	18.8	31.7	*
Congestive Heart Failure.....	23	26.1	14.4	*	26.1	21.8	*	34.8	28.0	*
Pneumonia/Influenza.....	17	23.5	15.1	*	23.5	20.3	*	29.4	24.5	*
Chronic Obstructive Pulmonary Disease.....	1	0.0	2.7	*	0.0	5.5	*	0.0	8.0	*
Transient Cerebral Ischemia.....	10	0.0	1.8	*	0.0	4.1	*	0.0	6.5	*
Stroke.....	23	52.2	22.0	*	52.2	28.0	*	52.2	32.7	*
Hip Fracture.....	17	11.8	6.5	*	17.6	12.8	*	23.5	17.2	*
Sepsis.....	6	33.3	23.5	*	33.3	32.2	*	50.0	38.5	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	11	9.1	4.7	*	18.2	9.7	*	18.2	13.3	*
Open Reduction of Hip Fracture.....	4	0.0	8.1	*	0.0	16.3	*	25.0	22.2	*
Prostatectomy.....	11	0.0	0.8	*	0.0	2.0	*	0.0	3.4	*
Cholecystectomy.....	13	0.0	0.7	*	0.0	1.2	*	0.0	1.6	*
Hysterectomy.....	1	0.0	0.1	*	0.0	0.2	*	0.0	0.2	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	277	7.6	8.7	2.2	11.6	12.9	2.6	14.8	16.2	2.7
CONDITIONS:										
Acute Myocardial Infarction.....	17	29.4	21.9	*	29.4	24.7	*	29.4	27.9	*
Congestive Heart Failure.....	7	14.3	20.1	*	28.6	29.3	*	28.6	35.9	*
Pneumonia/Influenza.....	10	0.0	10.6	*	10.0	14.7	*	10.0	18.3	*
Chronic Obstructive Pulmonary Disease.....	3	0.0	3.1	*	0.0	6.1	*	0.0	8.9	*
Transient Cerebral Ischemia.....	6	0.0	2.4	*	0.0	5.1	*	16.7	8.1	*
Stroke.....	12	16.7	24.2	*	25.0	30.9	*	33.3	35.9	*
Hip Fracture.....	5	0.0	4.1	*	0.0	7.3	*	0.0	9.7	*
Sepsis.....	6	0.0	18.8	*	16.7	28.4	*	16.7	35.0	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	1	100.0	4.0	*	100.0	10.0	*	100.0	15.8	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	2	0.0	3.0	*	0.0	5.8	*	0.0	8.0	*
Open Reduction of Hip Fracture.....	2	0.0	4.7	*	0.0	8.8	*	0.0	11.5	*
Prostatectomy.....	4	0.0	0.5	*	0.0	1.2	*	0.0	1.9	*
Cholecystectomy.....	12	8.3	1.7	*	16.7	3.1	*	16.7	4.1	*
Hysterectomy.....	7	0.0	0.4	*	0.0	0.7	*	14.3	1.0	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

JENNIE EDMUNDSON HOSPITAL

933 East Pierce Street

Council Bluffs, IA 51501

Medicare Provider Number: 160047

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	1,444	10.2	9.2	1.1	15.5	14.4	1.4	19.6	18.4	1.6
CONDITIONS:										
Acute Myocardial Infarction.....	49	32.7	26.0	*	38.8	29.5	*	40.8	33.1	*
Congestive Heart Failure.....	50	18.0	16.4	*	30.0	25.5	*	32.0	32.7	*
Pneumonia/Influenza.....	77	19.5	17.1	4.7	24.7	23.1	5.7	33.8	27.9	8.9
Chronic Obstructive Pulmonary Disease.....	16	6.3	5.2	*	12.5	9.4	*	18.8	13.3	*
Transient Cerebral Ischemia.....	14	7.1	2.0	*	7.1	4.6	*	7.1	7.4	*
Stroke.....	55	29.1	19.7	9.2	36.4	26.7	9.1	40.0	31.2	9.1
Hip Fracture.....	52	15.4	7.4	5.8	17.3	13.1	5.6	21.2	16.8	5.8
Sepsis.....	21	23.8	24.2	*	38.1	35.1	*	47.6	42.2	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	14	7.1	5.0	*	14.3	9.1	*	28.6	12.6	*
Carotid Endarterectomy.....	1	0.0	1.7	*	0.0	3.3	*	0.0	4.7	*
Hip Replacement/Reconstruction.....	34	0.0	2.3	*	0.0	4.3	*	0.0	5.8	*
Open Reduction of Hip Fracture.....	33	12.1	6.4	*	15.2	11.8	*	18.2	15.3	*
Prostatectomy.....	40	0.0	1.1	*	0.0	2.7	*	0.0	4.5	*
Cholecystectomy.....	17	5.9	4.7	*	5.9	8.2	*	5.9	10.4	*
Hysterectomy.....	11	0.0	0.8	*	0.0	2.1	*	0.0	3.5	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 201
 Occupancy Rate..... 81
 Ownership/Control..... Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 92
 Percent of Physicians Board Certified Specialists..... 66
 Medical Residents/Interns..... 0
 Registered Nurses..... 137
 Licensed Practical Nurses..... 38

SPECIALTY SERVICES:

Burn Unit..... No
 Cardiac Intensive Care..... Yes
 Comprehensive Geriatric..... No
 Hospice Care..... No
 Medical/Surgical Intensive Care..... Yes
 Organ/Tissue Transplant..... No
 Other Intensive Care..... No
 Rehabilitation Unit..... No
 Trauma Center..... No

** Not used in calculating hospital mortality rates.

JENNIE EDMUNDSON HOSPITAL

Medicare Provider Number: 160047

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,553	9.5	9.1	1.0	15.1	14.0	1.1	18.4	17.7	1.1
CONDITIONS:										
Acute Myocardial Infarction.....	43	32.6	27.3	*	44.2	30.9	*	46.5	34.4	*
Congestive Heart Failure.....	60	20.0	15.5	6.7	26.7	23.8	8.9	38.3	30.6	12.1
Pneumonia/Influenza.....	65	15.4	17.6	5.1	29.2	23.6	7.2	30.8	28.4	6.3
Chronic Obstructive Pulmonary Disease.....	16	12.5	11.1	*	25.0	19.9	*	31.3	26.9	*
Transient Cerebral Ischemia.....	28	0.0	1.7	*	3.6	3.7	*	3.6	5.7	*
Stroke.....	58	19.0	20.5	6.8	25.9	27.5	6.1	29.3	32.1	6.8
Hip Fracture.....	55	5.5	6.2	3.4	10.9	11.7	6.0	10.9	15.2	8.1
Sepsis.....	15	20.0	22.3	*	26.7	30.5	*	26.7	36.9	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	13	7.7	3.1	*	7.7	6.5	*	7.7	9.9	*
Carotid Endarterectomy.....	4	0.0	1.3	*	0.0	2.6	*	0.0	4.0	*
Hip Replacement/Reconstruction.....	63	4.8	2.8	2.8	9.5	5.5	4.5	9.5	7.5	4.3
Open Reduction of Hip Fracture.....	24	4.2	5.6	*	4.2	10.5	*	4.2	13.7	*
Prostatectomy.....	42	0.0	1.2	*	0.0	2.9	*	0.0	4.6	*
Cholecystectomy.....	29	0.0	2.2	*	6.9	3.7	*	6.9	4.9	*
Hysterectomy.....	12	0.0	0.6	*	0.0	1.3	*	0.0	2.0	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,558	10.1	8.9	0.9	14.9	13.7	1.0	17.6	17.5	1.0
CONDITIONS:										
Acute Myocardial Infarction.....	47	36.2	27.4	*	40.4	30.9	*	40.4	34.3	*
Congestive Heart Failure.....	63	28.6	16.8	7.9	39.7	26.0	9.2	42.9	33.4	7.8
Pneumonia/Influenza.....	64	17.2	18.5	5.0	25.0	24.7	5.4	26.6	29.8	7.0
Chronic Obstructive Pulmonary Disease.....	9	22.2	11.4	*	33.3	18.3	*	33.3	23.5	*
Transient Cerebral Ischemia.....	28	0.0	1.9	*	0.0	4.1	*	7.1	6.5	*
Stroke.....	63	20.6	21.7	5.6	28.6	28.7	6.1	33.3	33.3	6.0
Hip Fracture.....	37	5.4	7.3	*	5.4	13.3	*	10.8	17.2	*
Sepsis.....	15	40.0	21.4	*	40.0	28.3	*	40.0	34.0	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	12	0.0	3.1	*	0.0	6.6	*	8.3	9.9	*
Carotid Endarterectomy.....	4	0.0	2.2	*	0.0	4.6	*	0.0	6.5	*
Hip Replacement/Reconstruction.....	44	0.0	2.7	*	0.0	5.3	*	0.0	7.4	*
Open Reduction of Hip Fracture.....	15	6.7	8.0	*	6.7	14.6	*	20.0	18.6	*
Prostatectomy.....	70	1.4	1.4	1.5	2.9	3.3	2.2	4.3	5.5	2.9
Cholecystectomy.....	29	0.0	4.0	*	3.4	7.6	*	3.4	10.2	*
Hysterectomy.....	17	0.0	1.2	*	0.0	2.3	*	0.0	3.4	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.



Medicare Provider #160047

January 15, 1991

Health Care Financing Administration
Health Standards and Quality Bureau
Attention: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Mrs. Kappert:

We have received and reviewed the 1989 Mortality Rate Data for Jennie Edmundson Hospital to be published in the 1991 Medicare Hospital Mortality Information. Thank you for the opportunity to present our comments which are enclosed.

Please don't hesitate to be in touch if any additional information or clarification is desired. My direct office number is 712/328-6239.

Thank you for your time and consideration.

Sincerely,

A handwritten signature in dark ink, appearing to read "David M. Holcomb".

David M. Holcomb
Senior Vice President

DMH/sh

Enclosure



Medicare Provider #160047

Comments on 1989 Medicare Hospital Mortality Information for
Jennie Edmundson Memorial Hospital

The Medicare Hospital Mortality Information as developed by the Health Care Financing Administration for Jennie Edmundson Memorial Hospital has been reviewed and analyzed. Pursuant to HCFA policy, the following comments are offered:

1. Although the HCFA data indicate that a total of 1,444 Medicare patients were hospitalized during the period studied, hospital records indicate a total of 2,315 Medicare patients discharged during this same period. The artifact of multiple discharges for any given patient, coupled with a study policy of random selection of a discharge for study when a patient is discharged more than once creates substantial difficulty in ascertaining whether discharge randomly selected for study was in any way related to the patient's death.
2. Nearly one-half of patient deaths covered by this study occurred at the patient's home, in a nursing home, or at some unspecified location other than the hospital.
3. Of 194 patient deaths occurring within the hospital, 172 patients and families (just under 90%) had instructed their physician and the hospital not to attempt resuscitation.
4. Of the patient deaths studied, 110 patients were between the ages of 75 and 84, 60 patients were between the ages of 85 and 89, and 45 patients were 90 years of age or older.
5. When the statistical methodology recommended by HCFA is applied to the data provided for calculating statistical significance (standard deviation) the observed experience at Jennie Edmundson Memorial Hospital for all conditions and all procedures at all three time intervals in all three of the years studied falls within the range of mortality predicted by HCFA.
6. More than 60% of the patients who died in the hospital during this period suffered from co-existing conditions including cancer, heart failure, chronic lung disease, uncontrolled diabetes, chronic obstructive pulmonary disease, kidney failure, and heart attack.
7. The small data cell size within individual condition or procedure categories when applied to a single hospital as compared to the national data may result in the entire difference between the predicted and observed percentages of mortality being attributable to a single patient.

JOHN MCDONALD HOSPITAL

West First Street
Monticello, IA 52310

Medicare Provider Number: 160119

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	89	6.7	10.5	5.4	11.2	15.3	6.3	15.7	19.6	6.9
CONDITIONS:										
Acute Myocardial Infarction.....	4	50.0	44.3	*	50.0	48.2	*	50.0	53.4	*
Congestive Heart Failure.....	9	0.0	15.1	*	11.1	23.8	*	22.2	30.7	*
Pneumonia/Influenza.....	10	10.0	15.1	*	10.0	21.3	*	10.0	26.4	*
Chronic Obstructive Pulmonary Disease.....	4	0.0	10.2	*	0.0	15.6	*	0.0	20.3	*
Transient Cerebral Ischemia.....	2	0.0	1.8	*	0.0	4.1	*	0.0	6.7	*
Stroke.....	3	33.3	26.6	*	33.3	35.7	*	33.3	42.2	*
Hip Fracture.....	0									
Sepsis.....	2	0.0	20.2	*	0.0	24.8	*	0.0	30.2	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 38
Occupancy Rate..... 26
Ownership/Control..... Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 5
Percent of Physicians Board Certified Specialists..... (Not Available)
Medical Residents/Interns..... 0
Registered Nurses..... 16
Licensed Practical Nurses..... 3

SPECIALTY SERVICES:

Burn Unit..... No
Cardiac Intensive Care..... No
Comprehensive Geriatric..... No
Hospice Care..... No
Medical/Surgical Intensive Care..... Yes
Organ/Tissue Transplant..... No
Other Intensive Care..... No
Rehabilitation Unit..... No
Trauma Center..... No

** Not used in calculating hospital mortality rates.

JOHN MCDONALD HOSPITAL

Medicare Provider Number: 160119

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	117	12.8	10.7	3.8	17.9	16.0	3.9	19.7	20.3	3.9
CONDITIONS:										
Acute Myocardial Infarction.....	2	0.0	36.0	*	0.0	38.5	*	50.0	42.1	*
Congestive Heart Failure.....	9	11.1	16.3	*	22.2	25.1	*	22.2	32.3	*
Pneumonia/Influenza.....	18	16.7	14.5	*	22.2	19.6	*	22.2	23.6	*
Chronic Obstructive Pulmonary Disease.....	4	25.0	4.1	*	25.0	7.7	*	25.0	11.1	*
Transient Cerebral Ischemia.....	3	33.3	2.3	*	33.3	5.0	*	33.3	7.9	*
Stroke.....	4	25.0	21.0	*	25.0	27.3	*	25.0	32.2	*
Hip Fracture.....	0									
Sepsis.....	2	0.0	27.4	*	0.0	32.6	*	0.0	39.0	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	102	2.9	9.0	4.4	6.9	13.3	5.0	11.8	17.1	5.0
CONDITIONS:										
Acute Myocardial Infarction.....	2	0.0	22.6	*	0.0	25.5	*	0.0	29.7	*
Congestive Heart Failure.....	11	0.0	12.6	*	9.1	19.5	*	18.2	25.7	*
Pneumonia/Influenza.....	10	0.0	18.6	*	0.0	26.0	*	20.0	31.6	*
Chronic Obstructive Pulmonary Disease.....	5	0.0	10.4	*	0.0	15.8	*	0.0	20.7	*
Transient Cerebral Ischemia.....	0									
Stroke.....	4	0.0	14.5	*	0.0	18.9	*	0.0	23.0	*
Hip Fracture.....	0									
Sepsis.....	1	100.0	51.5	*	100.0	61.9	*	100.0	71.1	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	1	0.0	0.8	*	0.0	1.3	*	0.0	1.8	*
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

KEOKUK AREA HOSPITAL

1600 Morgan St
Keokuk, IA 52632

Medicare Provider Number: 160008

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	933	10.8	8.3	1.2	15.3	12.2	1.5	19.1	15.5	1.7
CONDITIONS:										
Acute Myocardial Infarction.....	34	32.4	33.8	*	32.4	37.6	*	35.3	41.6	*
Congestive Heart Failure.....	35	14.3	12.6	*	25.7	19.6	*	31.4	25.7	*
Pneumonia/Influenza.....	52	9.6	12.1	4.8	19.2	17.3	5.7	23.1	21.4	6.4
Chronic Obstructive Pulmonary Disease.....	19	0.0	4.8	*	0.0	8.3	*	5.3	11.6	*
Transient Cerebral Ischemia.....	16	0.0	1.5	*	6.3	3.5	*	12.5	5.6	*
Stroke.....	40	32.5	19.7	*	37.5	26.5	*	47.5	31.2	*
Hip Fracture.....	26	3.8	3.7	*	7.7	7.0	*	11.5	9.4	*
Sepsis.....	10	30.0	24.6	*	30.0	31.3	*	30.0	37.8	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	13	15.4	2.9	*	15.4	5.5	*	15.4	7.4	*
Open Reduction of Hip Fracture.....	13	0.0	3.4	*	7.7	6.8	*	15.4	9.3	*
Prostatectomy.....	15	0.0	0.6	*	0.0	1.4	*	6.7	2.5	*
Cholecystectomy.....	31	3.2	1.7	*	3.2	3.0	*	3.2	4.0	*
Hysterectomy.....	3	0.0	0.1	*	0.0	0.2	*	0.0	0.3	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 113
Occupancy Rate..... 63
Ownership/Control..... Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 25
Percent of Physicians Board Certified Specialists..... 60
Medical Residents/Interns..... 0
Registered Nurses..... 93
Licensed Practical Nurses..... 18

SPECIALTY SERVICES:

Burn Unit..... No
Cardiac Intensive Care..... No
Comprehensive Geriatric..... No
Hospice Care..... No
Medical/Surgical Intensive Care..... Yes
Organ/Tissue Transplant..... No
Other Intensive Care..... No
Rehabilitation Unit..... No
Trauma Center..... No

** Not used in calculating hospital mortality rates.

KEOKUK AREA HOSPITAL
Medicare Provider Number: 160008

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	863	9.7	8.4	1.0	14.4	12.6	1.4	18.2	16.1	1.4
CONDITIONS:										
Acute Myocardial Infarction.....	28	28.6	26.3	*	32.1	30.1	*	32.1	34.2	*
Congestive Heart Failure.....	29	10.3	15.3	*	17.2	23.1	*	24.1	29.8	*
Pneumonia/Influenza.....	66	16.7	15.4	4.6	18.2	21.5	5.8	28.8	26.3	5.6
Chronic Obstructive Pulmonary Disease.....	16	6.3	4.7	*	12.5	8.4	*	12.5	11.7	*
Transient Cerebral Ischemia.....	21	0.0	1.5	*	9.5	3.3	*	14.3	5.3	*
Stroke.....	31	19.4	18.0	*	32.3	23.6	*	35.5	28.1	*
Hip Fracture.....	23	4.3	4.5	*	13.0	8.8	*	13.0	12.0	*
Sepsis.....	10	50.0	35.1	*	50.0	42.8	*	50.0	49.8	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	7	0.0	2.9	*	0.0	5.9	*	0.0	8.2	*
Open Reduction of Hip Fracture.....	10	10.0	4.2	*	30.0	8.7	*	30.0	12.2	*
Prostatectomy.....	19	5.3	1.1	*	5.3	2.9	*	5.3	5.2	*
Cholecystectomy.....	13	7.7	1.6	*	7.7	3.3	*	15.4	4.7	*
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	853	10.9	7.6	1.2	15.4	11.6	1.5	19.6	14.9	1.7
CONDITIONS:										
Acute Myocardial Infarction.....	32	31.3	25.6	*	34.4	28.9	*	34.4	32.5	*
Congestive Heart Failure.....	41	26.8	13.6	*	31.7	21.7	*	43.9	28.3	*
Pneumonia/Influenza.....	50	32.0	16.1	*	34.0	23.0	*	36.0	28.1	*
Chronic Obstructive Pulmonary Disease.....	22	9.1	6.4	*	18.2	11.2	*	31.8	14.9	*
Transient Cerebral Ischemia.....	7	0.0	2.4	*	0.0	5.5	*	14.3	8.9	*
Stroke.....	32	34.4	19.6	*	37.5	26.6	*	50.0	31.6	*
Hip Fracture.....	37	2.7	3.5	*	5.4	6.8	*	5.4	9.2	*
Sepsis.....	1	0.0	34.8	*	0.0	43.9	*	0.0	53.8	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	6	0.0	1.3	*	16.7	2.6	*	50.0	3.9	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	11	0.0	2.5	*	0.0	5.2	*	0.0	7.5	*
Open Reduction of Hip Fracture.....	12	0.0	3.9	*	8.3	7.7	*	8.3	10.3	*
Prostatectomy.....	20	0.0	1.0	*	5.0	2.5	*	5.0	4.3	*
Cholecystectomy.....	26	0.0	1.6	*	3.8	3.2	*	3.8	4.5	*
Hysterectomy.....	3	0.0	0.2	*	0.0	0.3	*	0.0	0.6	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

**KEOKUK
AREA HOSPITAL**

1600 MORGAN STREET KEOKUK, IOWA 52632 319/524-7150

January 14, 1991

Health Care Financing Administration
Health Standards and Quality Bureau
ATTN: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

**RE: 1989 Mortality Rates Statistics for Keokuk Area Hospital
Medicare Provider Number 16-0008**

Dear Mrs. Kappert:

We have received and reviewed the preliminary mortality rate information you sent us regarding patients receiving services here at Keokuk Area Hospital (K.A.H.) during fiscal years 1987, 1988, and 1989. The data and methodologies are viewed with great concern by our organization.

The information indicates that the predicted overall death rate at K.A.H. is consistently 1.4 to 1.7 standards deviation below the K.A.H. observed rate. Although the information you provided with the data explains that statistically this may not be significant, especially since none of our sample sizes are 50 or greater, we do not believe the public to whom you are intending to provide the data will understand such technical characteristics and shortcomings of the study. We further believe that the study will be misleading to the public and that the information included is insufficient for the intended use of creating a more informed body of health care purchasers. It is important to make several major points about the data, from our perspective;

- (1) First of all, only approximately two-thirds of K.A.H. Medicare patients are included in the study. The other one-third could significantly impact the results; especially when viewed in the light of the small sample sizes.
- (2) Secondly, approximately 66% of the patients in 1989 died anywhere from several days to several months after being discharged from K.A.H. Many of these patients were subsequently hospitalized at other institutions prior to their death and/or died of causes unrelated to their admission to K.A.H. We do not believe that your methodology of intentionally using only one of patients discharges during the year results in "better representation" of our hospital's death rate. It only serves to make interpretations of the data much less meaningful. The only meaningful way to follow

WE'RE BUILDING A STRONG FOUNDATION TODAY
FOR A HEALTHIER TOMORROW

Mrs. Sandra Kappert
January 14, 1991
Page -2-

up on this type of data would be to track the patients use of hospital services and list the cause of death and where it occurred. The shortcut study before us provides no useful insight or information into the reality of patient mortality. We have not had time to exam the 1987 and 1988 data before providing these comments; however, a quick review indicates that the same inadequacies apply to these studies as well.

- (3) Lastly, we do not feel the study can be useful to the public without a perspective of summary statistics from our institution such as the following (these statistics are for 1989 and similar statistics could be provided for each year of the HCFA mortality study):
- *** Of the 229 K.A.H. patient deaths reported in the 1989 study, 153 of the deaths, as indicated earlier, were between several days and several months after discharge and the cause of death is not known to be related to the reported stay in K.A.H.
 - *** 32.8% of the deaths were patients aged 70 to 79 years of age.
 - *** 38.4% of the deaths were patients aged 80 to 89 years of age.
 - *** 15.9% of the deaths were patients more than 90 years of age.
 - *** A total of 87.1% of the deaths were patients over the age of 70 who died with high risk factors such as heart attacks, strokes, cancer, etc.

We have tried to utilize the data provided in some meaningful way as part of our on-going quality assurance program in which all deaths occurring at the hospital are reviewed by both medical staff and hospital quality assurance personnel. To date, the information provided has been too incomplete to be of any value. While we agree the public needs some measure of quality of care provided by hospitals, the very definition of quality is so complex that to attempt to utilize such information as this mortality study can only lead to erroneous conclusions and misinformation. We would challenge your agency to provide us any interpretation, conclusions, or use that you feel the public can reasonably be expected to make and that can be substantiated by the information you publish for public consumption. Lacking any substantial findings (with the considerable resources at your disposal), we urge you to consider how futile it is for the consumer to be able to deal with this information in any meaningful way.



KEOKUK AREA HOSPITAL

1600 MORGAN STREET KEOKUK, IOWA 52632 319/524-7150

January 14, 1991

Health Care Financing Administration
Health Standards and Quality Bureau
ATTN: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

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Medicare Provider Number 16-0008**

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The information indicates that the predicted overall death rate at K.A.H. is consistently 1.4 to 1.7 standards deviation below the K.A.H. observed rate. Although the information you provided with the data explains that statistically this may not be significant, especially since none of our sample sizes are 50 or greater, we do not believe the public to whom you are intending to provide the data will understand such technical characteristics and shortcomings of the study. We further believe that the study will be misleading to the public and that the information included is insufficient for the intended use of creating a more informed body of health care purchasers. It is important to make several major points about the data, from our perspective;

- (1) First of all, only approximately two-thirds of K.A.H. Medicare patients are included in the study. The other one-third could significantly impact the results; especially when viewed in the light of the small sample sizes.
- (2) Secondly, approximately 66% of the patients in 1989 died anywhere from several days to several months after being discharged from K.A.H. Many of these patients were subsequently hospitalized at other institutions prior to their death and/or died of causes unrelated to their admission to K.A.H. We do not believe that your methodology of intentionally using only one of patients discharges during the year results in "better representation" of our hospital's death rate. It only serves to make interpretations of the data much less meaningful. The only meaningful way to follow

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Mrs. Sandra Kappert
January 14, 1991
Page -2-

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(3) Lastly, we do not feel the study can be useful to the public without a perspective of summary statistics from our institution such as the following (these statistics are for 1989 and similar statistics could be provided for each year of the HCFA mortality study):

*** Of the 229 K.A.H. patient deaths reported in the 1989 study, 153 of the deaths, as indicated earlier, were between several days and several months after discharge and the cause of death is not known to be related to the reported stay in K.A.H.

*** 32.8% of the deaths were patients aged 70 to 79 years of age.

*** 38.4% of the deaths were patients aged 80 to 89 years of age.

*** 15.9% of the deaths were patients more than 90 years of age.

*** A total of 87.1% of the deaths were patients over the age of 70 who died with high risk factors such as heart attacks, strokes, cancer, etc.

We have tried to utilize the data provided in some meaningful way as part of our on-going quality assurance program in which all deaths occurring at the hospital are reviewed by both medical staff and hospital quality assurance personnel. To date, the information provided has been too incomplete to be of any value. While we agree the public needs some measure of quality of care provided by hospitals, the very definition of quality is so complex that to attempt to utilize such information as this mortality study can only lead to erroneous conclusions and misinformation. We would challenge your agency to provide us any interpretation, conclusions, or use that you feel the public can reasonably be expected to make and that can be substantiated by the information you publish for public consumption. Lacking any substantial findings (with the considerable resources at your disposal), we urge you to consider how futile it is for the consumer to be able to deal with this information in any meaningful way.

KEOKUK COUNTY HOSPITAL

South Main RR3
Sigourney, IA 52591

Medicare Provider Number: 160120

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	56	17.9	13.8	5.1	26.8	20.4	6.9	32.1	25.8	6.7
CONDITIONS:										
Acute Myocardial Infarction.....	1	100.0	27.1	*	100.0	30.4	*	100.0	33.9	*
Congestive Heart Failure.....	9	11.1	15.8	*	22.2	24.4	*	33.3	31.7	*
Pneumonia/Influenza.....	14	28.6	21.8	*	28.6	30.4	*	42.9	36.5	*
Chronic Obstructive Pulmonary Disease.....	1	0.0	5.6	*	0.0	8.9	*	0.0	12.8	*
Transient Cerebral Ischemia.....	0									
Stroke.....	3	33.3	24.1	*	33.3	31.9	*	33.3	37.2	*
Hip Fracture.....	0									
Sepsis.....	1	0.0	26.1	*	0.0	31.4	*	0.0	38.0	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 33
Occupancy Rate..... 52
Ownership/Control..... Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 33
Percent of Physicians Board Certified Specialists..... 45
Medical Residents/Interns..... 0
Registered Nurses..... 9
Licensed Practical Nurses..... 0

SPECIALTY SERVICES:

Burn Unit..... No
Cardiac Intensive Care..... No
Comprehensive Geriatric..... No
Hospice Care..... No
Medical/Surgical Intensive Care..... No
Organ/Tissue Transplant..... No
Other Intensive Care..... No
Rehabilitation Unit..... No
Trauma Center..... No

** Not used in calculating hospital mortality rates.

KEOKUK COUNTY HOSPITAL

Medicare Provider Number: 160120

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	81	14.8	12.1	3.9	25.9	18.4	7.0	28.4	23.6	5.5
CONDITIONS:										
Acute Myocardial Infarction.....	6	16.7	28.7	*	50.0	31.9	*	50.0	36.0	*
Congestive Heart Failure.....	7	28.6	14.5	*	42.9	22.5	*	57.1	29.1	*
Pneumonia/Influenza.....	10	0.0	17.2	*	0.0	23.9	*	0.0	28.6	*
Chronic Obstructive Pulmonary Disease.....	2	0.0	13.1	*	0.0	23.5	*	50.0	31.8	*
Transient Cerebral Ischemia.....	2	0.0	1.2	*	0.0	2.5	*	0.0	3.9	*
Stroke.....	6	33.3	21.9	*	33.3	29.4	*	33.3	34.6	*
Hip Fracture.....	0									
Sepsis.....	2	50.0	26.7	*	50.0	32.6	*	50.0	38.1	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	108	13.9	13.5	3.6	22.2	19.7	5.9	24.1	25.1	4.2
CONDITIONS:										
Acute Myocardial Infarction.....	10	0.0	25.9	*	0.0	30.6	*	0.0	35.4	*
Congestive Heart Failure.....	2	0.0	11.5	*	0.0	17.7	*	0.0	23.6	*
Pneumonia/Influenza.....	20	20.0	17.0	*	35.0	23.3	*	35.0	28.4	*
Chronic Obstructive Pulmonary Disease.....	1	0.0	6.2	*	0.0	10.8	*	0.0	14.6	*
Transient Cerebral Ischemia.....	3	0.0	3.3	*	0.0	7.5	*	33.3	12.3	*
Stroke.....	5	40.0	25.0	*	60.0	31.1	*	60.0	36.4	*
Hip Fracture.....	2	0.0	6.5	*	0.0	12.6	*	0.0	17.0	*
Sepsis.....	2	0.0	23.9	*	50.0	33.1	*	50.0	39.6	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

KNOXVILLE AREA COMMUNITY HOSPITAL

1002 South Lincoln

Knoxville, IA 50138

Medicare Provider Number: 160114

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	380	10.0	9.3	2.1	17.4	14.2	2.8	22.1	18.1	3.5
CONDITIONS:										
Acute Myocardial Infarction.....	16	43.8	27.2	*	56.3	31.5	*	62.5	35.7	*
Congestive Heart Failure.....	32	3.1	12.8	*	9.4	19.9	*	18.8	26.0	*
Pneumonia/Influenza.....	31	19.4	17.2	*	22.6	23.9	*	25.8	28.9	*
Chronic Obstructive Pulmonary Disease.....	6	0.0	4.2	*	0.0	9.4	*	0.0	14.5	*
Transient Cerebral Ischemia.....	6	0.0	1.8	*	0.0	3.9	*	0.0	6.4	*
Stroke.....	17	23.5	19.0	*	23.5	24.9	*	29.4	29.3	*
Hip Fracture.....	10	10.0	5.7	*	20.0	11.1	*	30.0	15.0	*
Sepsis.....	3	33.3	28.8	*	33.3	39.1	*	35.3	45.7	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	1	0.0	1.5	*	0.0	2.9	*	0.0	4.5	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	8	12.5	4.0	*	25.0	8.2	*	37.5	11.6	*
Open Reduction of Hip Fracture.....	2	0.0	4.0	*	0.0	8.1	*	0.0	11.3	*
Prostatectomy.....	5	0.0	0.6	*	0.0	1.3	*	0.0	2.2	*
Cholecystectomy.....	6	0.0	1.0	*	0.0	1.5	*	0.0	2.0	*
Hysterectomy.....	6	0.0	1.0	*	0.0	2.1	*	0.0	3.0	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 59
 Occupancy Rate..... 56
 Ownership/Control..... Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 9
 Percent of Physicians Board Certified Specialists..... 44
 Medical Residents/Interns..... 0
 Registered Nurses..... 38
 Licensed Practical Nurses..... 8

SPECIALTY SERVICES:

Burn Unit..... No
 Cardiac Intensive Care..... No
 Comprehensive Geriatric..... No
 Hospice Care..... Yes
 Medical/Surgical Intensive Care..... Yes
 Organ/Tissue Transplant..... No
 Other Intensive Care..... No
 Rehabilitation Unit..... No
 Trauma Center..... No

** Not used in calculating hospital mortality rates.

KNOXVILLE AREA COMMUNITY HOSPITAL

Medicare Provider Number: 160114

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	379	9.0	8.9	2.1	15.8	13.7	2.6	18.2	17.5	2.1
CONDITIONS:										
Acute Myocardial Infarction.....	8	25.0	32.5	*	37.5	36.1	*	37.5	39.9	*
Congestive Heart Failure.....	18	5.6	15.6	*	11.1	24.6	*	22.2	32.0	*
Pneumonia/Influenza.....	21	28.6	16.3	*	47.6	23.0	*	47.6	28.1	*
Chronic Obstructive Pulmonary Disease.....	6	16.7	7.2	*	33.3	12.1	*	33.3	16.3	*
Transient Cerebral Ischemia.....	7	14.3	2.4	*	14.3	5.5	*	14.3	8.7	*
Stroke.....	15	6.7	19.0	*	13.3	24.7	*	13.3	29.1	*
Hip Fracture.....	5	0.0	5.1	*	0.0	10.0	*	20.0	13.3	*
Sepsis.....	2	100.0	25.1	*	100.0	32.1	*	100.0	37.4	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	9	0.0	2.7	*	0.0	5.4	*	11.1	7.3	*
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	6	0.0	0.7	*	0.0	1.7	*	0.0	2.7	*
Cholecystectomy.....	6	0.0	1.9	*	0.0	3.5	*	0.0	4.6	*
Hysterectomy.....	1	0.0	1.6	*	0.0	2.9	*	100.0	3.5	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	395	9.9	8.4	1.7	13.9	13.1	1.8	17.2	16.9	2.0
CONDITIONS:										
Acute Myocardial Infarction.....	18	27.8	24.2	*	27.8	27.9	*	33.3	31.5	*
Congestive Heart Failure.....	26	15.4	13.9	*	15.4	21.6	*	19.2	28.2	*
Pneumonia/Influenza.....	23	17.4	14.8	*	21.7	20.3	*	21.7	24.5	*
Chronic Obstructive Pulmonary Disease.....	5	40.0	11.1	*	40.0	19.8	*	40.0	26.4	*
Transient Cerebral Ischemia.....	5	0.0	2.5	*	0.0	5.9	*	0.0	9.5	*
Stroke.....	16	6.3	13.1	*	6.3	18.4	*	6.3	22.1	*
Hip Fracture.....	9	0.0	6.5	*	11.1	12.9	*	11.1	17.3	*
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	2	0.0	2.5	*	0.0	5.6	*	0.0	9.0	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	6	0.0	6.2	*	0.0	12.5	*	0.0	16.9	*
Open Reduction of Hip Fracture.....	1	0.0	4.0	*	0.0	8.3	*	0.0	11.5	*
Prostatectomy.....	4	0.0	2.0	*	0.0	5.0	*	0.0	8.0	*
Cholecystectomy.....	6	0.0	1.2	*	0.0	2.2	*	0.0	3.0	*
Hysterectomy.....	3	0.0	0.5	*	0.0	0.8	*	0.0	1.0	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

KOSSUTH COUNTY HOSPITAL

Hwy 169 South
Algona, IA 50511

Medicare Provider Number: 160143

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	186	8.1	10.1	3.4	11.8	14.5	3.9	17.2	18.3	3.7
CONDITIONS:										
Acute Myocardial Infarction.....	12	25.0	37.1	*	25.0	41.5	*	33.3	45.7	*
Congestive Heart Failure.....	11	9.1	14.2	*	9.1	21.4	*	9.1	27.8	*
Pneumonia/Influenza.....	13	7.7	14.6	*	15.4	19.9	*	15.4	24.1	*
Chronic Obstructive Pulmonary Disease.....	2	50.0	39.1	*	50.0	51.7	*	50.0	58.4	*
Transient Cerebral Ischemia.....	1	0.0	2.0	*	0.0	4.2	*	0.0	6.7	*
Stroke.....	3	0.0	16.2	*	0.0	21.5	*	0.0	25.8	*
Hip Fracture.....	1	100.0	5.5	*	100.0	10.7	*	100.0	14.5	*
Sepsis.....	7	14.3	26.6	*	14.3	33.6	*	42.9	40.2	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	7	0.0	1.7	*	0.0	2.8	*	0.0	3.4	*
Hysterectomy.....	5	0.0	0.3	*	0.0	0.5	*	0.0	0.7	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 32
Occupancy Rate..... 34
Ownership/Control..... Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 27
Percent of Physicians Board Certified Specialists..... 85
Medical Residents/Interns..... 0
Registered Nurses..... 27
Licensed Practical Nurses..... 2

SPECIALTY SERVICES:

Burn Unit..... No
Cardiac Intensive Care..... No
Comprehensive Geriatric..... No
Hospice Care..... Yes
Medical/Surgical Intensive Care..... Yes
Organ/Tissue Transplant..... No
Other Intensive Care..... No
Rehabilitation Unit..... No
Trauma Center..... No

** Not used in calculating hospital mortality rates.

KOSSUTH COUNTY HOSPITAL

Medicare Provider Number: 160143

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	206	8.7	7.2	2.7	12.6	10.9	3.4	15.5	14.1	4.0
CONDITIONS:										
Acute Myocardial Infarction.....	6	50.0	26.1	*	66.7	29.9	*	66.7	33.7	*
Congestive Heart Failure.....	14	28.6	17.2	*	42.9	27.4	*	57.1	35.6	*
Pneumonia/Influenza.....	9	11.1	18.4	*	11.1	24.7	*	22.2	29.3	*
Chronic Obstructive Pulmonary Disease.....	3	0.0	3.2	*	0.0	6.5	*	0.0	9.5	*
Transient Cerebral Ischemia.....	3	0.0	1.7	*	0.0	3.7	*	0.0	5.7	*
Stroke.....	7	0.0	16.5	*	14.3	22.3	*	14.3	27.0	*
Hip Fracture.....	0									
Sepsis.....	3	33.3	31.0	*	33.3	37.4	*	33.3	43.5	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	4	0.0	2.3	*	0.0	3.6	*	0.0	4.5	*
Hysterectomy.....	4	0.0	3.1	*	0.0	7.1	*	0.0	11.0	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	206	8.7	7.9	2.2	15.0	12.1	3.8	17.5	15.7	4.3
CONDITIONS:										
Acute Myocardial Infarction.....	7	28.6	30.9	*	28.6	34.3	*	28.6	38.3	*
Congestive Heart Failure.....	22	9.1	16.2	*	13.6	24.5	*	18.2	31.3	*
Pneumonia/Influenza.....	14	14.3	15.3	*	21.4	21.8	*	35.7	26.5	*
Chronic Obstructive Pulmonary Disease.....	0									
Transient Cerebral Ischemia.....	2	0.0	4.8	*	50.0	10.8	*	50.0	16.5	*
Stroke.....	3	66.7	24.2	*	66.7	31.1	*	66.7	36.3	*
Hip Fracture.....	0									
Sepsis.....	2	50.0	32.3	*	50.0	41.9	*	50.0	50.5	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	7	0.0	1.4	*	0.0	2.6	*	0.0	3.4	*
Hysterectomy.....	2	0.0	0.4	*	0.0	0.7	*	0.0	0.9	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

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December 28, 1990

Health Care Financing Administration
Health Standards and Quality Bureau
Attention: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Medicare Provider Number:
160143

Dear Mrs. Kappert:

Please publish these comments in the Medicare Hospital Mortality Information
publication regarding Kossuth County Hospital, Algona, Iowa:

Between the period of October 1, 1988, and September 30, 1989, Kossuth County Hospital treated thirty-five (35) patients with Chronic Obstructive Pulmonary Disease. Of these thirty-five patients, one (1) died within 30 days. The mortality rate tables have only reviewed two (2) cases, one of which included the death. Thus, the 50% observed mortality rate is in gross error for this category.

Between the period of October 1, 1988, and September 30, 1989, Kossuth County Hospital treated nine (9) patients with Hip Fractures. Of these nine, one (1) died within thirty days. The mortality rate tables depict only this one (1) patient. Therefore, the reported observed mortality rate of 100% is in gross error for this category.

Thank you for allowing us the opportunity to respond to these tables before they are published.

I would suggest that you look at the numbers before publishing such data. One of one occurrence, published at 100%, is not at all indicative of the entire population. In addition, the numbers for small rural Hospitals, such as ours, are not large enough in most categories to begin to make statistically accurate predictions.

Sincerely,

James G. Fitzpatrick
Administrator

HWY 169 SOUTH
ALGONA, IA. 50511

515-295-2451

JGF:dme

LORING HOSPITAL

Highland Ave
Sac City, IA 50583

Medicare Provider Number: 160091

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	203	7.4	8.1	2.0	9.9	12.9	3.6	14.8	16.8	3.9
CONDITIONS:										
Acute Myocardial Infarction.....	5	40.0	18.2	*	40.0	21.0	*	40.0	24.2	*
Congestive Heart Failure.....	14	14.3	18.4	*	14.3	28.5	*	28.6	36.5	*
Pneumonia/Influenza.....	9	0.0	15.5	*	11.1	21.3	*	11.1	26.1	*
Chronic Obstructive Pulmonary Disease.....	1	100.0	10.9	*	100.0	17.1	*	100.0	22.3	*
Transient Cerebral Ischemia.....	4	25.0	3.4	*	25.0	8.1	*	25.0	13.0	*
Stroke.....	8	12.5	20.3	*	12.5	26.9	*	12.5	31.6	*
Hip Fracture.....	8	0.0	5.5	*	0.0	10.5	*	0.0	14.0	*
Sepsis.....	3	0.0	8.3	*	0.0	11.9	*	0.0	14.5	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	2	0.0	5.7	*	0.0	11.0	*	0.0	15.9	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	3	0.0	3.1	*	0.0	6.3	*	0.0	8.8	*
Open Reduction of Hip Fracture.....	5	0.0	6.0	*	0.0	11.7	*	0.0	15.8	*
Prostatectomy.....	4	0.0	1.3	*	0.0	3.4	*	0.0	5.8	*
Cholecystectomy.....	4	0.0	2.0	*	0.0	3.7	*	0.0	5.1	*
Hysterectomy.....	2	0.0	0.2	*	0.0	0.4	*	0.0	0.6	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 54
Occupancy Rate..... 50
Ownership/Control..... Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 3
Percent of Physicians Board Certified Specialists..... 100
Medical Residents/Interns..... 0
Registered Nurses..... 14
Licensed Practical Nurses..... 2

SPECIALTY SERVICES:

Burn Unit..... No
Cardiac Intensive Care..... No
Comprehensive Geriatric..... Yes
Hospice Care..... Yes
Medical/Surgical Intensive Care..... Yes
Organ/Tissue Transplant..... No
Other Intensive Care..... No
Rehabilitation Unit..... No
Trauma Center..... No

** Not used in calculating hospital mortality rates.

LORING HOSPITAL
Medicare Provider Number: 160091

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	204	9.8	10.3	2.7	12.3	15.0	4.0	15.7	18.7	4.9
CONDITIONS:										
Acute Myocardial Infarction.....	16	37.5	35.9	*	43.8	39.8	*	50.0	44.2	*
Congestive Heart Failure.....	6	16.7	23.7	*	16.7	34.4	*	16.7	42.5	*
Pneumonia/Influenza.....	16	6.3	14.3	*	12.5	19.5	*	12.5	23.6	*
Chronic Obstructive Pulmonary Disease.....	1	0.0	9.1	*	0.0	13.9	*	0.0	18.7	*
Transient Cerebral Ischemia.....	1	0.0	3.0	*	0.0	6.6	*	0.0	10.1	*
Stroke.....	8	37.5	31.3	*	37.5	38.8	*	50.0	44.0	*
Hip Fracture.....	12	0.0	6.7	*	8.3	12.4	*	16.7	16.1	*
Sepsis.....	2	0.0	18.6	*	0.0	27.2	*	0.0	33.3	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	5	0.0	3.9	*	0.0	7.6	*	0.0	10.0	*
Open Reduction of Hip Fracture.....	6	0.0	8.0	*	16.7	15.5	*	33.3	20.6	*
Prostatectomy.....	2	0.0	0.3	*	0.0	0.6	*	0.0	1.0	*
Cholecystectomy.....	1	0.0	2.0	*	0.0	3.5	*	0.0	4.4	*
Hysterectomy.....	2	0.0	0.1	*	0.0	0.1	*	0.0	0.2	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	171	12.9	12.4	3.0	19.9	17.7	3.4	21.6	22.0	3.2
CONDITIONS:										
Acute Myocardial Infarction.....	21	23.8	32.2	*	23.8	36.2	*	23.8	40.4	*
Congestive Heart Failure.....	6	0.0	15.0	*	0.0	22.1	*	0.0	28.3	*
Pneumonia/Influenza.....	15	13.3	16.7	*	26.7	23.0	*	33.3	27.8	*
Chronic Obstructive Pulmonary Disease.....	0									
Transient Cerebral Ischemia.....	2	0.0	1.6	*	0.0	3.6	*	0.0	5.9	*
Stroke.....	6	66.7	35.4	*	66.7	41.8	*	66.7	46.6	*
Hip Fracture.....	14	14.3	7.4	*	21.4	14.4	*	21.4	19.2	*
Sepsis.....	2	0.0	17.8	*	0.0	25.8	*	0.0	32.0	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	3	0.0	5.4	*	0.0	11.4	*	0.0	16.9	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	4	0.0	9.4	*	25.0	19.9	*	25.0	27.6	*
Open Reduction of Hip Fracture.....	10	20.0	5.4	*	20.0	10.7	*	20.0	14.4	*
Prostatectomy.....	3	0.0	0.9	*	0.0	2.3	*	33.3	4.0	*
Cholecystectomy.....	6	0.0	0.8	*	16.7	1.4	*	16.7	1.9	*
Hysterectomy.....	2	0.0	0.3	*	0.0	0.5	*	0.0	0.7	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

LUCAS COUNTY MEMORIAL HOSPITAL

1200 North 7th
Chariton, IA 50049

Medicare Provider Number: 160061

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	273	9.9	9.1	3.1	15.0	13.6	2.9	17.6	17.4	2.8
CONDITIONS:										
Acute Myocardial Infarction.....	0									
Congestive Heart Failure.....	18	11.1	13.9	*	22.2	21.2	*	33.3	27.8	*
Pneumonia/Influenza.....	27	7.4	17.3	*	18.5	24.4	*	22.2	29.7	*
Chronic Obstructive Pulmonary Disease.....	7	0.0	6.6	*	0.0	11.4	*	0.0	15.7	*
Transient Cerebral Ischemia.....	2	0.0	2.4	*	0.0	5.2	*	0.0	8.5	*
Stroke.....	8	0.0	16.2	*	0.0	23.2	*	12.5	27.8	*
Hip Fracture.....	0									
Sepsis.....	4	50.0	34.6	*	75.0	41.5	*	75.0	48.2	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	3	0.0	1.1	*	0.0	2.3	*	0.0	3.6	*
Cholecystectomy.....	2	0.0	0.5	*	0.0	0.8	*	0.0	1.1	*
Hysterectomy.....	3	0.0	0.6	*	0.0	1.3	*	0.0	1.9	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989		SPECIALTY SERVICES:	
Total Beds.....	56	Burn Unit.....	No
Occupancy Rate.....	27	Cardiac Intensive Care.....	No
Ownership/Control.....	Local Government	Comprehensive Geriatric.....	No
STAFFING: (As of September 30, 1989)		Hospice Care.....	Yes
Total Number of Physicians.....	4	Medical/Surgical Intensive Care.....	Yes
Percent of Physicians Board Certified Specialists.....	(Not Available)	Organ/Tissue Transplant.....	No
Medical Residents/Interns.....	0	Other Intensive Care.....	No
Registered Nurses.....	16	Rehabilitation Unit.....	No
Licensed Practical Nurses.....	10	Trauma Center.....	No

** Not used in calculating hospital mortality rates.

LUCAS COUNTY MEMORIAL HOSPITAL

Medicare Provider Number: 160061

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	246	9.8	10.8	2.2	15.9	15.8	2.3	22.0	19.8	3.3
CONDITIONS:										
Acute Myocardial Infarction.....	8	37.5	41.0	*	37.5	46.5	*	50.0	50.7	*
Congestive Heart Failure.....	10	10.0	15.0	*	20.0	22.9	*	30.0	29.5	*
Pneumonia/Influenza.....	27	18.5	17.0	*	25.9	22.9	*	33.3	27.5	*
Chronic Obstructive Pulmonary Disease.....	12	8.3	5.7	*	16.7	11.2	*	16.7	16.2	*
Transient Cerebral Ischemia.....	0									
Stroke.....	15	20.0	19.3	*	26.7	26.1	*	40.0	30.8	*
Hip Fracture.....	2	0.0	4.4	*	0.0	8.2	*	0.0	11.0	*
Sepsis.....	4	25.0	27.2	*	50.0	38.0	*	50.0	45.5	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	1	0.0	3.0	*	0.0	6.4	*	0.0	8.7	*
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	5	0.0	0.9	*	0.0	1.7	*	0.0	2.3	*
Hysterectomy.....	1	0.0	0.3	*	0.0	0.6	*	0.0	0.9	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	208	14.4	9.9	2.6	22.6	15.2	4.5	25.0	19.5	3.4
CONDITIONS:										
Acute Myocardial Infarction.....	6	33.3	28.6	*	50.0	31.8	*	50.0	35.3	*
Congestive Heart Failure.....	25	28.0	17.0	*	40.0	25.4	*	44.0	32.1	*
Pneumonia/Influenza.....	11	18.2	15.8	*	27.3	22.0	*	27.3	27.2	*
Chronic Obstructive Pulmonary Disease.....	15	6.7	7.9	*	20.0	13.6	*	20.0	18.6	*
Transient Cerebral Ischemia.....	1	0.0	5.1	*	0.0	12.9	*	0.0	21.4	*
Stroke.....	8	50.0	23.2	*	62.5	30.7	*	62.5	35.9	*
Hip Fracture.....	3	0.0	5.6	*	0.0	9.8	*	0.0	12.9	*
Sepsis.....	2	50.0	20.8	*	50.0	28.4	*	50.0	33.8	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	3	0.0	5.3	*	0.0	9.4	*	0.0	12.4	*
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	2	0.0	0.6	*	0.0	1.6	*	0.0	2.9	*
Cholecystectomy.....	4	0.0	1.0	*	0.0	1.6	*	0.0	2.1	*
Hysterectomy.....	1	0.0	0.6	*	0.0	1.0	*	0.0	1.3	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

MADISON COUNTY MEMORIAL HOSPITAL

300 Hutchings
Winterset, IA 50273

Medicare Provider Number: 160052

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	170	13.5	9.6	3.6	20.0	14.0	4.8	22.4	17.8	5.3
CONDITIONS:										
Acute Myocardial Infarction.....	3	0.0	26.5	*	0.0	31.7	*	0.0	35.8	*
Congestive Heart Failure.....	13	23.1	14.1	*	38.5	21.0	*	38.5	27.3	*
Pneumonia/Influenza.....	12	25.0	15.0	*	41.7	21.0	*	41.7	25.8	*
Chronic Obstructive Pulmonary Disease.....	3	0.0	11.7	*	0.0	19.4	*	33.3	25.8	*
Transient Cerebral Ischemia.....	1	0.0	1.1	*	0.0	2.3	*	0.0	3.7	*
Stroke.....	6	33.3	24.8	*	50.0	32.3	*	66.7	37.4	*
Hip Fracture.....	5	20.0	7.0	*	20.0	13.3	*	20.0	17.6	*
Sepsis.....	1	100.0	50.1	*	100.0	59.1	*	100.0	65.6	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	2	0.0	4.9	*	0.0	9.9	*	0.0	13.7	*
Open Reduction of Hip Fracture.....	3	33.3	7.2	*	33.3	14.0	*	33.3	18.6	*
Prostatectomy.....	4	0.0	1.7	*	0.0	4.0	*	0.0	6.5	*
Cholecystectomy.....	1	0.0	2.8	*	0.0	4.3	*	0.0	5.2	*
Hysterectomy.....	1	0.0	0.2	*	0.0	0.3	*	0.0	0.4	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 31
Occupancy Rate..... 26
Ownership/Control..... Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 5
Percent of Physicians Board Certified Specialists..... 40
Medical Residents/Interns..... 0
Registered Nurses..... 13
Licensed Practical Nurses..... 3

SPECIALTY SERVICES:

Burn Unit..... No
Cardiac Intensive Care..... No
Comprehensive Geriatric..... No
Hospice Care..... No
Medical/Surgical Intensive Care..... Yes
Organ/Tissue Transplant..... No
Other Intensive Care..... No
Rehabilitation Unit..... No
Trauma Center..... No

** Not used in calculating hospital mortality rates.

MADISON COUNTY MEMORIAL HOSPITAL

Medicare Provider Number: 160052

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	169	16.0	11.2	3.0	19.5	16.3	3.6	26.0	20.3	3.9
CONDITIONS:										
Acute Myocardial Infarction.....	7	42.9	28.1	*	42.9	31.9	*	42.9	35.9	*
Congestive Heart Failure.....	12	50.0	16.0	*	58.3	23.3	*	66.7	29.9	*
Pneumonia/Influenza.....	17	17.6	18.3	*	23.5	25.2	*	35.3	30.4	*
Chronic Obstructive Pulmonary Disease.....	3	0.0	7.9	*	0.0	13.7	*	33.3	19.2	*
Transient Cerebral Ischemia.....	2	0.0	1.0	*	0.0	2.1	*	0.0	3.2	*
Stroke.....	1	0.0	11.9	*	0.0	17.8	*	0.0	21.7	*
Hip Fracture.....	9	11.1	6.3	*	22.2	11.9	*	22.2	15.6	*
Sepsis.....	1	0.0	13.0	*	0.0	17.5	*	0.0	21.6	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	6	16.7	6.3	*	16.7	12.1	*	16.7	15.7	*
Open Reduction of Hip Fracture.....	2	0.0	5.3	*	50.0	11.2	*	50.0	15.6	*
Prostatectomy.....	3	0.0	0.9	*	0.0	2.1	*	0.0	3.2	*
Cholecystectomy.....	2	0.0	2.7	*	0.0	4.8	*	0.0	6.0	*
Hysterectomy.....	2	0.0	0.5	*	0.0	1.4	*	50.0	2.6	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	153	18.3	13.3	4.1	24.8	19.1	5.1	29.4	23.5	5.7
CONDITIONS:										
Acute Myocardial Infarction.....	5	80.0	48.6	*	80.0	52.5	*	80.0	56.4	*
Congestive Heart Failure.....	7	42.9	18.4	*	42.9	28.0	*	42.9	35.7	*
Pneumonia/Influenza.....	10	10.0	17.1	*	10.0	23.1	*	10.0	27.9	*
Chronic Obstructive Pulmonary Disease.....	0									
Transient Cerebral Ischemia.....	0									
Stroke.....	9	33.3	23.4	*	66.7	31.3	*	66.7	36.4	*
Hip Fracture.....	8	0.0	4.7	*	0.0	8.7	*	0.0	11.4	*
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	3	0.0	4.0	*	0.0	8.3	*	0.0	11.6	*
Open Reduction of Hip Fracture.....	3	0.0	5.5	*	0.0	9.7	*	0.0	12.3	*
Prostatectomy.....	7	0.0	1.2	*	0.0	2.9	*	0.0	4.8	*
Cholecystectomy.....	4	0.0	3.1	*	0.0	6.6	*	25.0	9.6	*
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

MAHASKA COUNTY HOSPITAL

1229 C Avenue East

Oskaloosa, IA 52577

Medicare Provider Number: 160050

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	507	9.7	7.5	1.6	14.2	11.8	1.9	17.8	15.4	2.1
CONDITIONS:										
Acute Myocardial Infarction.....	12	16.7	28.7	*	25.0	32.2	*	25.0	36.3	*
Congestive Heart Failure.....	21	9.5	14.9	*	38.1	22.9	*	42.9	29.6	*
Pneumonia/Influenza.....	23	17.4	15.8	*	26.1	21.8	*	26.1	26.6	*
Chronic Obstructive Pulmonary Disease.....	8	12.5	7.3	*	12.5	13.1	*	25.0	18.3	*
Transient Cerebral Ischemia.....	6	0.0	3.1	*	0.0	7.3	*	0.0	12.0	*
Stroke.....	27	25.9	20.3	*	29.6	26.6	*	33.3	31.4	*
Hip Fracture.....	21	9.5	5.5	*	9.5	10.3	*	9.5	13.6	*
Sepsis.....	4	25.0	22.0	*	25.0	29.1	*	50.0	33.8	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	19	5.3	4.1	*	5.3	7.9	*	5.3	10.6	*
Open Reduction of Hip Fracture.....	3	66.7	5.4	*	66.7	10.1	*	66.7	13.6	*
Prostatectomy.....	9	0.0	1.2	*	0.0	2.9	*	0.0	4.9	*
Cholecystectomy.....	9	0.0	3.2	*	0.0	6.5	*	0.0	9.4	*
Hysterectomy.....	7	0.0	0.6	*	0.0	1.4	*	0.0	2.1	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 53
 Occupancy Rate..... 51
 Ownership/Control..... Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 20
 Percent of Physicians Board Certified Specialists..... (Not Available)
 Medical Residents/Interns..... 0
 Registered Nurses..... 45
 Licensed Practical Nurses..... 14

SPECIALTY SERVICES:

Burn Unit..... No
 Cardiac Intensive Care..... Yes
 Comprehensive Geriatric..... No
 Hospice Care..... Yes
 Medical/Surgical Intensive Care..... No
 Organ/Tissue Transplant..... No
 Other Intensive Care..... No
 Rehabilitation Unit..... No
 Trauma Center..... No

** Not used in calculating hospital mortality rates.

MAHASKA COUNTY HOSPITAL

Medicare Provider Number: 160050

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	482	13.1	9.5	2.4	16.8	13.7	2.3	19.9	17.3	2.2
CONDITIONS:										
Acute Myocardial Infarction.....	27	33.3	34.3	*	40.7	37.6	*	40.7	41.8	*
Congestive Heart Failure.....	27	18.5	14.2	*	25.9	21.9	*	25.9	28.6	*
Pneumonia/Influenza.....	36	22.2	17.9	*	27.8	24.3	*	30.6	29.2	*
Chronic Obstructive Pulmonary Disease.....	7	0.0	7.1	*	0.0	12.6	*	14.3	16.8	*
Transient Cerebral Ischemia.....	11	9.1	1.9	*	9.1	4.3	*	9.1	6.8	*
Stroke.....	26	30.8	20.9	*	30.8	26.4	*	34.6	30.7	*
Hip Fracture.....	17	11.8	6.1	*	11.8	11.2	*	17.6	14.5	*
Sepsis.....	4	25.0	29.6	*	25.0	34.1	*	25.0	39.3	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	6	0.0	4.0	*	0.0	7.9	*	0.0	10.5	*
Open Reduction of Hip Fracture.....	2	50.0	5.4	*	50.0	9.8	*	50.0	12.6	*
Prostatectomy.....	11	0.0	1.0	*	0.0	2.5	*	0.0	4.1	*
Cholecystectomy.....	10	0.0	3.8	*	0.0	8.2	*	0.0	12.0	*
Hysterectomy.....	8	0.0	0.8	*	0.0	1.5	*	0.0	2.1	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	463	9.3	8.6	1.7	13.8	12.9	1.6	16.6	16.5	1.7
CONDITIONS:										
Acute Myocardial Infarction.....	22	18.2	28.6	*	22.7	31.8	*	22.7	35.4	*
Congestive Heart Failure.....	29	13.8	14.1	*	20.7	21.9	*	27.6	28.5	*
Pneumonia/Influenza.....	15	26.7	17.1	*	26.7	23.3	*	26.7	28.6	*
Chronic Obstructive Pulmonary Disease.....	5	20.0	12.8	*	20.0	19.3	*	20.0	26.4	*
Transient Cerebral Ischemia.....	5	0.0	1.8	*	0.0	4.0	*	0.0	6.4	*
Stroke.....	25	28.0	24.5	*	28.0	30.9	*	28.0	36.1	*
Hip Fracture.....	22	9.1	5.6	*	13.6	10.7	*	18.2	14.2	*
Sepsis.....	4	0.0	34.5	*	0.0	44.7	*	25.0	52.7	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	8	0.0	3.6	*	0.0	7.3	*	12.5	10.1	*
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	13	0.0	1.2	*	7.7	3.0	*	7.7	5.3	*
Cholecystectomy.....	14	0.0	1.7	*	0.0	2.9	*	7.1	3.8	*
Hysterectomy.....	3	0.0	0.2	*	0.0	0.3	*	0.0	0.5	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

MANNING GENERAL HOSPITAL

410 Main Street
Manning, IA 51455

Medicare Provider Number: 160111

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	133	16.5	10.6	4.7	18.8	15.9	3.7	23.3	19.8	4.2
CONDITIONS:										
Acute Myocardial Infarction.....	4	50.0	39.5	*	50.0	44.3	*	50.0	48.4	*
Congestive Heart Failure.....	4	25.0	14.7	*	25.0	23.3	*	25.0	30.5	*
Pneumonia/Influenza.....	7	0.0	8.0	*	0.0	11.7	*	0.0	14.6	*
Chronic Obstructive Pulmonary Disease.....	1	0.0	3.0	*	0.0	5.9	*	0.0	8.6	*
Transient Cerebral Ischemia.....	3	0.0	1.0	*	0.0	2.1	*	33.3	3.3	*
Stroke.....	6	33.3	15.3	*	33.3	21.5	*	33.3	25.8	*
Hip Fracture.....	2	0.0	2.9	*	0.0	5.6	*	0.0	7.6	*
Sepsis.....	3	33.3	22.5	*	33.3	31.3	*	33.3	38.3	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	2	0.0	2.6	*	0.0	5.1	*	0.0	7.0	*
Prostatectomy.....	6	0.0	1.3	*	0.0	3.5	*	0.0	6.1	*
Cholecystectomy.....	1	0.0	0.4	*	0.0	0.7	*	0.0	1.0	*
Hysterectomy.....	1	0.0	2.7	*	0.0	6.2	*	0.0	9.7	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 41
Occupancy Rate..... 59
Ownership/Control..... Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 3
Percent of Physicians Board Certified Specialists..... 67
Medical Residents/Interns..... 0
Registered Nurses..... 14
Licensed Practical Nurses..... 11

SPECIALTY SERVICES:

Burn Unit..... No
Cardiac Intensive Care..... No
Comprehensive Geriatric..... No
Hospice Care..... No
Medical/Surgical Intensive Care..... No
Organ/Tissue Transplant..... No
Other Intensive Care..... No
Rehabilitation Unit..... No
Trauma Center..... No

** Not used in calculating hospital mortality rates.

MANNING GENERAL HOSPITAL

Medicare Provider Number: 160111

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	140	7.9	7.5	2.7	12.1	11.8	3.1	16.4	15.3	3.2
CONDITIONS:										
Acute Myocardial Infarction.....	2	0.0	19.6	*	0.0	22.3	*	0.0	25.6	*
Congestive Heart Failure.....	4	0.0	17.2	*	0.0	27.2	*	0.0	35.2	*
Pneumonia/Influenza.....	7	0.0	15.6	*	14.3	22.3	*	14.3	27.8	*
Chronic Obstructive Pulmonary Disease.....	2	50.0	3.5	*	50.0	6.9	*	50.0	10.0	*
Transient Cerebral Ischemia.....	2	0.0	1.5	*	0.0	3.4	*	50.0	5.4	*
Stroke.....	9	33.3	16.7	*	33.3	22.2	*	44.4	26.7	*
Hip Fracture.....	4	0.0	3.7	*	0.0	7.8	*	0.0	11.2	*
Sepsis.....	2	0.0	30.2	*	0.0	41.3	*	50.0	51.0	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	2	0.0	15.0	*	0.0	26.0	*	0.0	33.5	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	4	0.0	3.1	*	0.0	7.0	*	0.0	10.3	*
Prostatectomy.....	1	0.0	0.9	*	0.0	2.7	*	100.0	5.0	*
Cholecystectomy.....	2	0.0	1.8	*	0.0	3.8	*	0.0	5.8	*
Hysterectomy.....	1	0.0	1.7	*	0.0	4.8	*	0.0	8.5	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	135	12.6	9.6	3.2	16.3	14.8	3.2	20.0	18.9	3.6
CONDITIONS:										
Acute Myocardial Infarction.....	5	60.0	35.5	*	80.0	40.3	*	80.0	45.4	*
Congestive Heart Failure.....	8	12.5	11.8	*	25.0	18.6	*	25.0	24.5	*
Pneumonia/Influenza.....	12	33.3	13.2	*	33.3	18.3	*	33.3	22.6	*
Chronic Obstructive Pulmonary Disease.....	3	0.0	4.7	*	0.0	9.0	*	0.0	13.2	*
Transient Cerebral Ischemia.....	2	0.0	1.5	*	0.0	3.2	*	0.0	5.0	*
Stroke.....	6	16.7	13.9	*	33.3	18.8	*	33.3	22.9	*
Hip Fracture.....	2	0.0	6.4	*	0.0	12.4	*	0.0	16.4	*
Sepsis.....	1	0.0	6.2	*	0.0	9.6	*	0.0	13.1	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	1	0.0	4.4	*	0.0	11.3	*	0.0	18.7	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	2	0.0	5.4	*	0.0	11.1	*	0.0	15.2	*
Prostatectomy.....	1	0.0	0.9	*	0.0	2.3	*	0.0	3.9	*
Cholecystectomy.....	3	0.0	6.7	*	0.0	14.2	*	0.0	19.5	*
Hysterectomy.....	2	0.0	0.3	*	0.0	0.6	*	0.0	0.8	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

MARENGO MEMORIAL HOSPITAL

300 West May St

Marengo, IA 52301

Medicare Provider Number: 160073

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	16	25.0	14.0	*	31.3	20.4	*	31.3	26.1	*
CONDITIONS:										
Acute Myocardial Infarction.....	0									
Congestive Heart Failure.....	4	25.0	24.3	*	50.0	33.0	*	50.0	40.7	*
Pneumonia/Influenza.....	5	40.0	12.3	*	40.0	16.7	*	40.0	20.8	*
Chronic Obstructive Pulmonary Disease.....	1	0.0	2.8	*	0.0	5.7	*	0.0	8.4	*
Transient Cerebral Ischemia.....	0									
Stroke.....	1	0.0	17.9	*	0.0	23.6	*	0.0	28.1	*
Hip Fracture.....	0									
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 44
 Occupancy Rate..... 75
 Ownership/Control..... Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 3
 Percent of Physicians Board Certified Specialists..... (Not Available)
 Medical Residents/Interns..... 0
 Registered Nurses..... 11
 Licensed Practical Nurses..... 2

SPECIALTY SERVICES:

Burn Unit..... No
 Cardiac Intensive Care..... No
 Comprehensive Geriatric..... No
 Hospice Care..... No
 Medical/Surgical Intensive Care..... No
 Organ/Tissue Transplant..... No
 Other Intensive Care..... No
 Rehabilitation Unit..... No
 Trauma Center..... No

** Not used in calculating hospital mortality rates.

MARENGO MEMORIAL HOSPITAL

Medicare Provider Number: 160073

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	35	20.0	11.8	*	25.7	17.3	*	28.6	21.3	*
CONDITIONS:										
Acute Myocardial Infarction.....	1	0.0	12.5	*	0.0	17.0	#	0.0	21.0	*
Congestive Heart Failure.....	3	0.0	11.9	*	0.0	18.4	#	0.0	24.1	#
Pneumonia/Influenza.....	6	0.0	14.6	*	0.0	19.7	*	16.7	23.9	#
Chronic Obstructive Pulmonary Disease.....	0									
Transient Cerebral Ischemia.....	0									
Stroke.....	1	100.0	31.5	*	100.0	40.7	*	100.0	46.8	*
Hip Fracture.....	0									
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	68	19.1	11.8	6.8	22.1	17.3	8.1	30.9	21.7	10.2
CONDITIONS:										
Acute Myocardial Infarction.....	1	100.0	69.7	*	100.0	73.4	*	100.0	77.1	*
Congestive Heart Failure.....	7	14.3	15.8	#	14.3	25.9	*	14.3	33.9	#
Pneumonia/Influenza.....	9	11.1	15.5	*	11.1	21.4	*	22.2	26.0	*
Chronic Obstructive Pulmonary Disease.....	2	0.0	9.2	#	0.0	14.5	*	0.0	18.6	*
Transient Cerebral Ischemia.....	0									
Stroke.....	1	0.0	15.2	#	0.0	20.2	*	0.0	24.4	*
Hip Fracture.....	0									
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

MARIAN HEALTH CENTER

801 5th St
Sioux City, IA 51102

Medicare Provider Number: 160153

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,984	8.5	8.7	0.5	13.2	13.0	0.7	16.0	16.4	0.8
CONDITIONS:										
Acute Myocardial Infarction.....	139	25.9	26.1	3.7	28.8	29.0	3.9	30.9	32.2	4.1
Congestive Heart Failure.....	112	16.1	14.1	3.7	25.9	22.2	5.0	30.4	28.8	4.5
Pneumonia/Influenza.....	96	12.5	15.7	5.6	19.8	21.3	5.1	22.9	25.7	5.2
Chronic Obstructive Pulmonary Disease.....	26	0.0	6.6	*	3.8	11.7	*	11.5	16.3	*
Transient Cerebral Ischemia.....	33	0.0	1.4	*	0.0	3.1	*	0.0	4.9	*
Stroke.....	117	17.1	21.3	5.9	27.4	28.5	5.1	30.8	33.1	5.5
Hip Fracture.....	82	4.9	6.7	3.1	9.8	12.1	3.8	18.3	15.8	4.2
Sepsis.....	23	21.7	20.4	*	30.4	29.0	*	30.4	34.5	*
PROCEDURES:										
Angioplasty.....	74	1.4	4.7	3.4	2.7	5.8	4.0	2.7	7.1	4.4
Coronary Artery Bypass Graft.....	91	4.4	5.2	2.7	11.0	7.1	3.9	11.0	8.4	3.9
Initial Pacemaker Insertion.....	25	4.0	3.1	*	4.0	6.3	*	12.0	9.5	*
Carotid Endarterectomy.....	13	7.7	1.4	*	7.7	2.7	*	7.7	3.9	*
Hip Replacement/Reconstruction.....	70	4.3	3.4	2.7	7.1	6.6	3.0	14.3	9.0	4.5
Open Reduction of Hip Fracture.....	40	5.0	6.3	*	10.0	11.8	*	12.5	15.5	*
Prostatectomy.....	113	0.0	1.3	1.6	1.8	3.2	2.1	3.5	5.4	2.6
Cholecystectomy.....	63	3.2	2.3	2.0	3.2	4.2	2.7	4.8	5.5	3.3
Hysterectomy.....	13	7.7	0.7	*	7.7	1.5	*	7.7	2.3	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 424
Occupancy Rate..... 64
Ownership/Control..... Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 135
Percent of Physicians Board Certified Specialists..... 81
Medical Residents/Interns..... 0
Registered Nurses..... 389
Licensed Practical Nurses..... 0

SPECIALTY SERVICES:

Burn Unit..... No
Cardiac Intensive Care..... Yes
Comprehensive Geriatric..... Yes
Hospice Care..... No
Medical/Surgical Intensive Care..... Yes
Organ/Tissue Transplant..... No
Other Intensive Care..... Yes
Rehabilitation Unit..... No
Trauma Center..... Yes

** Not used in calculating hospital mortality rates.

MARIAN HEALTH CENTER

Medicare Provider Number: 160153

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	3,098	9.4	9.1	0.7	14.6	13.7	0.9	17.7	17.2	0.7
CONDITIONS:										
Acute Myocardial Infarction.....	131	25.2	26.3	3.9	29.0	29.5	4.3	29.0	32.9	4.6
Congestive Heart Failure.....	103	24.3	15.2	6.6	35.0	23.5	7.9	39.8	30.4	7.5
Pneumonia/Influenza.....	97	13.4	18.1	6.7	23.7	24.4	5.4	25.8	29.3	6.2
Chronic Obstructive Pulmonary Disease.....	19	0.0	7.0	*	0.0	13.1	*	5.3	18.6	*
Transient Cerebral Ischemia.....	46	0.0	2.1	*	6.5	4.5	*	6.5	7.1	*
Stroke.....	109	21.1	21.4	4.0	25.7	28.7	4.7	33.0	33.5	4.6
Hip Fracture.....	87	9.2	8.3	3.1	17.2	14.7	4.5	20.7	18.5	5.8
Sepsis.....	42	31.0	28.3	*	40.5	36.4	*	40.5	42.3	*
PROCEDURES:										
Angioplasty.....	66	0.0	4.3	4.8	1.5	5.2	4.2	1.5	6.4	4.9
Coronary Artery Bypass Graft.....	82	3.7	5.6	3.8	4.9	7.9	5.0	4.9	9.3	5.4
Initial Pacemaker Insertion.....	28	3.6	4.7	*	3.6	8.3	*	3.6	11.6	*
Carotid Endarterectomy.....	14	0.0	1.7	*	0.0	3.4	*	0.0	5.1	*
Hip Replacement/Reconstruction.....	68	2.9	3.7	2.4	8.8	7.1	3.5	10.3	9.5	3.6
Open Reduction of Hip Fracture.....	54	7.4	7.1	3.8	14.8	13.0	4.8	18.5	16.6	6.7
Prostatectomy.....	140	0.7	1.3	1.1	2.9	3.3	2.4	2.9	5.5	3.2
Cholecystectomy.....	55	7.3	2.3	2.8	16.4	4.2	5.3	16.4	5.6	4.8
Hysterectomy.....	21	4.8	0.6	*	9.5	1.2	*	9.5	1.9	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,871	8.4	9.3	1.0	13.6	13.9	1.2	16.6	17.5	1.2
CONDITIONS:										
Acute Myocardial Infarction.....	128	28.9	27.9	4.9	38.3	31.3	6.1	40.6	34.8	7.3
Congestive Heart Failure.....	86	18.6	17.6	4.2	31.4	26.5	6.3	37.2	33.6	7.0
Pneumonia/Influenza.....	95	12.6	16.8	7.6	20.0	22.6	6.7	24.2	27.3	6.2
Chronic Obstructive Pulmonary Disease.....	26	3.8	7.7	*	7.7	13.4	*	15.4	18.2	*
Transient Cerebral Ischemia.....	41	4.9	2.6	*	9.8	5.6	*	9.8	8.7	*
Stroke.....	102	20.6	22.3	4.2	23.5	29.4	5.0	26.5	33.9	5.4
Hip Fracture.....	74	4.1	7.4	4.9	10.8	13.3	5.5	14.9	17.1	4.9
Sepsis.....	30	20.0	28.3	*	30.0	37.0	*	36.7	43.7	*
PROCEDURES:										
Angioplasty.....	71	4.2	4.8	2.9	4.2	5.9	3.2	4.2	7.2	3.9
Coronary Artery Bypass Graft.....	71	2.8	6.3	4.8	4.2	8.2	5.0	4.2	9.4	4.8
Initial Pacemaker Insertion.....	40	2.5	3.9	*	10.0	7.5	*	12.5	10.6	*
Carotid Endarterectomy.....	15	0.0	1.8	*	0.0	3.3	*	0.0	4.8	*
Hip Replacement/Reconstruction.....	53	3.8	3.5	2.6	5.7	6.9	3.7	7.5	9.4	4.3
Open Reduction of Hip Fracture.....	56	3.6	6.7	4.2	12.5	12.7	4.6	17.9	16.7	5.5
Prostatectomy.....	130	1.5	1.5	1.5	2.3	3.6	2.4	4.6	6.1	3.1
Cholecystectomy.....	64	1.6	2.7	2.3	3.1	4.8	3.3	3.1	6.2	4.0
Hysterectomy.....	24	0.0	0.7	*	0.0	1.4	*	0.0	2.2	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

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COMMENTS ON THE HCFA MORTALITY DATA
MARIAN HEALTH CENTER
SIOUX CITY, IOWA
JANUARY 1991

1. Data presented by HCFA indicates the hospital's mortality rates fall within predicted ranges for all categories with established standard deviations.
2. If data indicates the number of cases or deaths is too small to permit an estimation of a standard deviation, thereby indicating the data is not reliable, would eliminating these categories from public release be appropriate?
3. Coronary Artery Bypass Graft mortality rates would be more meaningful if Primary CABG and Repeat CABG Procedures were reported as separate categories.
4. Marian Health Center's Medical Staff continues to review inpatient mortalities on a case by case basis. HCFA Mortality Data is utilized as a component of the hospital's Quality Improvement process to identify areas requiring focused review.
5. Quality of care is measured using multiple indicators of quality in addition to mortality. Therefore, mortality figures alone are not meaningful as a guide to a hospital's performance and are of limited use to the average consumer.

MARSHALLTOWN MEDICAL & SURGICAL CENTER

Three South Fourth Avenue

Marshalltown, IA 50158

Medicare Provider Number: 160001

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,549	6.7	7.1	0.8	11.0	10.9	0.9	14.3	14.1	1.0
CONDITIONS:										
Acute Myocardial Infarction.....	44	36.4	25.4	*	40.9	28.5	*	45.5	31.9	*
Congestive Heart Failure.....	74	14.9	13.4	4.1	21.6	21.1	6.2	33.8	27.8	9.6
Pneumonia/Influenza.....	65	9.2	14.7	7.0	13.8	20.5	8.6	16.9	24.9	9.9
Chronic Obstructive Pulmonary Disease.....	33	6.1	5.6	*	9.1	10.9	*	12.1	15.7	*
Transient Cerebral Ischemia.....	27	0.0	1.8	*	0.0	4.1	*	3.7	6.6	*
Stroke.....	47	27.7	19.5	*	34.0	26.6	*	38.3	31.4	*
Hip Fracture.....	70	5.7	5.5	2.7	8.6	10.0	4.2	10.0	13.1	6.1
Sepsis.....	14	0.0	17.3	*	21.4	22.9	*	21.4	28.4	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	22	0.0	1.4	*	0.0	2.6	*	0.0	3.9	*
Hip Replacement/Reconstruction.....	50	4.0	3.2	*	6.0	6.1	*	6.0	8.3	*
Open Reduction of Hip Fracture.....	35	5.7	5.3	*	8.6	10.0	*	11.4	13.2	*
Prostatectomy.....	34	0.0	0.9	*	0.0	2.2	*	2.9	3.6	*
Cholecystectomy.....	33	0.0	2.8	*	3.0	5.1	*	3.0	6.7	*
Hysterectomy.....	16	6.3	0.5	*	6.3	1.2	*	6.3	1.9	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 176
 Occupancy Rate..... 51
 Ownership/Control..... Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 55
 Percent of Physicians Board Certified Specialists..... 85
 Medical Residents/Interns..... 0
 Registered Nurses..... 98
 Licensed Practical Nurses..... 24

SPECIALTY SERVICES:

Burn Unit..... No
 Cardiac Intensive Care..... No
 Comprehensive Geriatric..... No
 Hospice Care..... No
 Medical/Surgical Intensive Care..... Yes
 Organ/Tissue Transplant..... No
 Other Intensive Care..... No
 Rehabilitation Unit..... No
 Trauma Center..... No

** Not used in calculating hospital mortality rates.

MARSHALLTOWN MEDICAL & SURGICAL CENTER

Medicare Provider Number: 160001

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	1,551	7.0	7.0	0.8	10.6	10.8	1.0	13.2	13.8	1.1
CONDITIONS:										
Acute Myocardial Infarction.....	49	26.5	26.8	*	28.6	30.2	*	30.6	33.6	*
Congestive Heart Failure.....	67	13.4	13.3	4.2	25.4	20.7	6.6	26.9	27.0	7.5
Pneumonia/Influenza.....	47	12.8	12.8	*	21.3	17.9	*	25.5	21.8	*
Chronic Obstructive Pulmonary Disease.....	25	4.0	4.5	*	4.0	8.6	*	12.0	12.5	*
Transient Cerebral Ischemia.....	23	0.0	1.6	*	0.0	3.6	*	8.7	5.7	*
Stroke.....	63	23.8	21.2	6.8	30.2	28.1	9.1	30.2	33.0	9.6
Hip Fracture.....	65	6.2	4.9	2.8	7.7	9.3	4.2	15.4	12.3	4.7
Sepsis.....	11	36.4	20.6	*	36.4	26.3	*	36.4	31.5	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	18	0.0	1.2	*	0.0	2.2	*	0.0	3.2	*
Hip Replacement/Reconstruction.....	46	2.2	2.2	*	4.3	4.4	*	4.3	5.9	*
Open Reduction of Hip Fracture.....	41	7.3	4.6	*	7.3	9.2	*	19.5	12.4	*
Prostatectomy.....	27	0.0	0.6	*	0.0	1.5	*	3.7	2.6	*
Cholecystectomy.....	33	0.0	3.2	*	3.0	6.6	*	3.0	9.2	*
Hysterectomy.....	14	0.0	0.4	*	0.0	0.8	*	0.0	1.3	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	1,516	8.5	7.6	1.1	13.1	11.6	1.3	16.2	14.9	1.5
CONDITIONS:										
Acute Myocardial Infarction.....	47	31.9	35.3	*	34.0	38.9	*	40.4	42.7	*
Congestive Heart Failure.....	83	16.9	14.0	4.2	32.5	21.9	6.4	42.2	28.7	8.2
Pneumonia/Influenza.....	68	20.6	13.4	7.6	26.5	19.5	8.3	32.4	24.5	9.1
Chronic Obstructive Pulmonary Disease.....	24	16.7	5.2	*	25.0	10.0	*	29.2	14.4	*
Transient Cerebral Ischemia.....	18	5.6	1.7	*	5.6	3.8	*	5.6	6.0	*
Stroke.....	48	29.2	18.8	*	35.4	25.0	*	39.6	29.6	*
Hip Fracture.....	50	6.0	5.3	*	10.0	10.1	*	14.0	13.5	*
Sepsis.....	21	14.3	22.3	*	38.1	30.6	*	42.9	37.5	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	23	0.0	1.4	*	0.0	2.6	*	0.0	3.8	*
Hip Replacement/Reconstruction.....	34	5.9	2.7	*	5.9	5.2	*	5.9	7.0	*
Open Reduction of Hip Fracture.....	32	6.3	4.5	*	12.5	9.2	*	18.8	12.6	*
Prostatectomy.....	34	0.0	0.7	*	0.0	1.6	*	2.9	2.8	*
Cholecystectomy.....	30	0.0	2.3	*	3.3	4.2	*	6.7	5.7	*
Hysterectomy.....	13	0.0	0.2	*	0.0	0.3	*	0.0	0.4	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

MARY GREELEY MEDICAL CENTER

117 11th Street

Ames, IA 50010

Medicare Provider Number: 160030

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	1,858	6.8	6.7	0.6	10.6	10.9	0.8	13.7	14.3	1.1
CONDITIONS:										
Acute Myocardial Infarction.....	37	37.8	31.3	*	40.5	35.4	*	43.2	39.1	*
Congestive Heart Failure.....	55	23.6	13.1	6.6	30.9	21.3	6.7	32.7	27.9	6.4
Pneumonia/Influenza.....	54	14.8	12.5	5.0	22.2	18.4	6.3	22.2	22.7	6.0
Chronic Obstructive Pulmonary Disease.....	17	5.9	5.8	*	5.9	10.5	*	5.9	14.6	*
Transient Cerebral Ischemia.....	17	0.0	1.4	*	0.0	2.9	*	5.9	4.6	*
Stroke.....	100	18.0	18.1	4.0	23.0	25.0	4.9	30.0	29.5	4.7
Hip Fracture.....	70	4.3	3.8	2.3	7.1	7.4	3.3	10.0	10.1	3.6
Sepsis.....	31	16.1	29.8	*	22.6	39.0	*	35.5	47.8	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	8	0.0	2.9	*	0.0	5.4	*	0.0	7.6	*
Carotid Endarterectomy.....	3	0.0	1.0	*	0.0	1.8	*	0.0	2.6	*
Hip Replacement/Reconstruction.....	80	0.0	1.7	*	0.0	3.4	*	0.0	4.8	*
Open Reduction of Hip Fracture.....	24	12.5	3.7	*	16.7	7.7	*	20.8	10.8	*
Prostatectomy.....	106	1.9	0.6	1.5	1.9	1.4	1.2	2.8	2.4	1.6
Cholecystectomy.....	37	2.7	1.6	*	5.4	3.1	*	5.4	4.6	*
Hysterectomy.....	21	0.0	0.6	*	4.8	1.2	*	4.8	1.8	*

*The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 220
 Occupancy Rate..... 63
 Ownership/Control..... Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 95
 Percent of Physicians Board Certified Specialists..... 100
 Medical Residents/Interns..... 0
 Registered Nurses..... 196
 Licensed Practical Nurses..... 20

SPECIALTY SERVICES:

Burn Unit..... No
 Cardiac Intensive Care..... No
 Comprehensive Geriatric..... No
 Hospice Care..... Yes
 Medical/Surgical Intensive Care..... Yes
 Organ/Tissue Transplant..... No
 Other Intensive Care..... No
 Rehabilitation Unit..... Yes
 Trauma Center..... No

** Not used in calculating hospital mortality rates.

MARY GREELEY MEDICAL CENTER

Medicare Provider Number: 160030

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	1,677	7.2	6.8	1.0	12.3	10.9	1.0	15.9	14.3	1.1
CONDITIONS:										
Acute Myocardial Infarction.....	31	22.6	29.4	*	29.0	33.5	*	29.0	37.6	*
Congestive Heart Failure.....	50	18.0	14.1	*	28.0	22.9	*	34.0	30.2	*
Pneumonia/Influenza.....	65	16.9	15.3	8.3	27.7	22.4	10.9	32.3	28.0	10.0
Chronic Obstructive Pulmonary Disease.....	25	8.0	4.8	*	16.0	9.4	*	20.0	13.7	*
Transient Cerebral Ischemia.....	22	0.0	1.6	*	0.0	3.4	*	0.0	5.4	*
Stroke.....	79	16.5	17.0	4.8	20.3	23.2	5.0	21.5	28.0	6.1
Hip Fracture.....	63	7.9	2.7	3.4	11.1	5.5	5.2	14.3	7.7	5.2
Sepsis.....	30	10.0	30.3	*	13.3	39.4	*	16.7	47.1	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	3	0.0	7.9	*	0.0	10.2	*	0.0	12.2	*
Carotid Endarterectomy.....	5	0.0	2.3	*	0.0	4.6	*	0.0	6.4	*
Hip Replacement/Reconstruction.....	88	2.3	1.3	1.5	3.4	2.7	3.2	6.8	4.0	4.8
Open Reduction of Hip Fracture.....	21	14.3	2.7	*	19.0	5.7	*	19.0	8.1	*
Prostatectomy.....	85	1.2	0.6	1.9	2.4	1.5	3.2	5.9	2.5	2.7
Cholecystectomy.....	34	0.0	1.5	*	2.9	3.0	*	2.9	4.3	*
Hysterectomy.....	21	0.0	0.6	*	4.8	1.4	*	4.8	2.4	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	1,702	6.6	6.6	0.8	11.2	10.8	0.8	14.7	14.1	1.0
CONDITIONS:										
Acute Myocardial Infarction.....	34	29.4	25.7	*	35.3	29.1	*	38.2	32.7	*
Congestive Heart Failure.....	70	25.7	13.8	6.4	31.4	22.3	6.1	34.3	29.3	5.8
Pneumonia/Influenza.....	47	8.5	17.0	*	23.4	24.9	*	31.9	30.6	*
Chronic Obstructive Pulmonary Disease.....	19	21.1	5.8	*	31.6	11.2	*	31.6	15.9	*
Transient Cerebral Ischemia.....	28	3.6	1.3	*	3.6	2.8	*	3.6	4.3	*
Stroke.....	70	11.4	18.6	5.4	17.1	25.8	7.0	20.0	30.8	6.9
Hip Fracture.....	62	4.8	3.1	3.2	6.5	6.5	3.2	8.1	9.2	3.8
Sepsis.....	18	11.1	26.7	*	11.1	37.5	*	22.2	45.4	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	8	0.0	2.4	*	12.5	5.1	*	12.5	7.7	*
Carotid Endarterectomy.....	4	0.0	1.2	*	0.0	2.1	*	0.0	3.0	*
Hip Replacement/Reconstruction.....	75	4.0	1.3	2.8	4.0	2.7	2.2	4.0	4.0	2.3
Open Reduction of Hip Fracture.....	30	3.3	2.6	*	6.7	5.6	*	10.0	8.1	*
Prostatectomy.....	79	1.3	0.6	1.9	2.5	1.5	2.2	3.8	2.6	2.4
Cholecystectomy.....	44	0.0	2.1	*	0.0	3.8	*	0.0	4.8	*
Hysterectomy.....	20	0.0	0.3	*	0.0	0.7	*	0.0	1.1	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

MERCY HEALTH CENTER

Mercy Drive
Dubuque, IA 52001

Medicare Provider Number: 160069

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,456	9.4	7.8	0.7	14.3	11.8	1.0	17.6	15.0	1.0
CONDITIONS:										
Acute Myocardial Infarction.....	65	23.1	24.1	5.5	24.6	26.8	6.6	26.2	29.9	8.0
Congestive Heart Failure.....	124	26.6	15.0	4.9	38.7	23.3	5.9	46.0	30.2	6.1
Pneumonia/Influenza.....	107	18.7	15.2	4.3	25.2	20.9	6.3	33.6	25.5	7.9
Chronic Obstructive Pulmonary Disease.....	31	12.9	11.1	*	16.1	16.3	*	19.4	20.9	*
Transient Cerebral Ischemia.....	55	1.8	1.6	1.7	1.8	3.6	3.1	3.6	5.8	4.6
Stroke.....	103	26.2	21.3	7.6	31.1	27.1	6.6	34.0	31.4	6.0
Hip Fracture.....	83	7.2	7.0	2.8	8.4	12.4	5.1	12.0	16.0	5.8
Sepsis.....	8	50.0	27.2	*	50.0	35.1	*	50.0	41.5	*
PROCEDURES:										
Angioplasty.....	2	0.0	1.9	*	0.0	2.7	*	0.0	3.9	*
Coronary Artery Bypass Graft.....	27	0.0	4.6	*	0.0	6.4	*	0.0	7.5	*
Initial Pacemaker Insertion.....	21	0.0	3.7	*	0.0	6.4	*	4.8	8.7	*
Carotid Endarterectomy.....	30	3.3	1.3	*	3.3	2.5	*	3.3	3.6	*
Hip Replacement/Reconstruction.....	67	0.0	2.6	3.3	0.0	4.8	5.8	4.5	6.4	4.1
Open Reduction of Hip Fracture.....	48	10.4	6.8	*	12.5	12.7	*	12.5	16.7	*
Prostatectomy.....	81	0.0	0.7	1.1	1.2	1.9	1.7	1.2	3.2	2.6
Cholecystectomy.....	57	0.0	2.0	2.7	0.0	3.7	4.5	3.5	5.1	3.3
Hysterectomy.....	26	0.0	0.3	*	0.0	0.6	*	0.0	1.0	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 400
Occupancy Rate..... 64
Ownership/Control..... Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 167
Percent of Physicians Board Certified Specialists..... 68
Medical Residents/Interns..... 0
Registered Nurses..... 348
Licensed Practical Nurses..... 12

SPECIALTY SERVICES:

Burn Unit..... No
Cardiac Intensive Care..... No
Comprehensive Geriatric..... Yes
Hospice Care..... No
Medical/Surgical Intensive Care..... Yes
Organ/Tissue Transplant..... No
Other Intensive Care..... No
Rehabilitation Unit..... Yes
Trauma Center..... Yes

** Not used in calculating hospital mortality rates.

MERCY HEALTH CENTER
Medicare Provider Number: 160069

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,361	6.9	6.9	0.5	11.1	10.7	0.8	13.5	13.8	0.8
CONDITIONS:										
Acute Myocardial Infarction.....	60	18.3	26.0	12.2	23.3	29.2	12.4	25.0	32.6	12.6
Congestive Heart Failure.....	106	20.8	15.7	7.0	29.2	23.6	8.5	34.9	30.3	8.5
Pneumonia/Influenza.....	81	12.3	18.0	6.4	21.0	24.5	5.5	22.2	29.6	7.9
Chronic Obstructive Pulmonary Disease.....	20	10.0	14.1	*	10.0	21.7	*	15.0	28.0	*
Transient Cerebral Ischemia.....	59	1.7	2.1	2.0	5.1	4.5	2.8	8.5	7.1	3.8
Stroke.....	79	15.2	19.9	6.3	24.1	26.0	5.8	25.3	30.5	6.5
Hip Fracture.....	79	3.8	6.5	4.1	7.6	12.0	7.4	11.4	15.5	7.7
Sepsis.....	12	33.3	21.9	*	50.0	29.6	■	50.0	35.8	*
PROCEDURES:										
Angioplasty.....	2	0.0	10.1	*	0.0	10.9	*	0.0	11.9	*
Coronary Artery Bypass Graft.....	20	0.0	5.6	*	0.0	7.2	*	0.0	8.3	■
Initial Pacemaker Insertion.....	12	0.0	5.9	*	8.3	8.9	*	8.3	11.8	*
Carotid Endarterectomy.....	21	4.8	1.5	*	4.8	2.7	*	4.8	3.9	*
Hip Replacement/Reconstruction.....	63	4.8	3.4	2.9	6.3	6.4	3.2	9.5	8.4	3.8
Open Reduction of Hip Fracture.....	48	2.1	5.6	*	8.3	10.9	*	10.4	14.6	*
Prostatectomy.....	90	0.0	0.7	1.1	1.1	1.8	1.7	2.2	3.0	2.6
Cholecystectomy.....	70	2.9	1.9	1.8	4.3	3.6	2.6	4.3	5.0	3.0
Hysterectomy.....	36	0.0	0.4	*	2.8	0.8	*	2.8	1.2	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,584	7.9	7.0	0.8	12.1	10.7	0.8	14.7	13.6	0.8
CONDITIONS:										
Acute Myocardial Infarction.....	72	41.7	26.7	7.8	43.1	30.0	7.6	45.8	33.5	7.2
Congestive Heart Failure.....	104	20.2	16.6	6.9	27.9	25.1	6.1	35.6	32.0	6.2
Pneumonia/Influenza.....	71	21.1	17.1	8.3	32.4	23.3	9.2	38.0	28.4	8.9
Chronic Obstructive Pulmonary Disease.....	16	0.0	8.5	*	6.3	12.9	*	6.3	17.0	*
Transient Cerebral Ischemia.....	50	10.0	1.4	*	10.0	3.0	■	10.0	4.7	*
Stroke.....	82	20.7	23.4	6.0	26.8	29.6	6.9	29.3	34.0	7.6
Hip Fracture.....	84	11.9	6.7	6.2	17.9	12.2	7.1	21.4	15.9	7.9
Sepsis.....	15	13.3	23.5	*	13.3	30.5	*	26.7	35.7	■
PROCEDURES:										
Angioplasty.....	6	50.0	7.3	*	50.0	8.1	*	50.0	9.1	*
Coronary Artery Bypass Graft.....	18	0.0	5.8	*	5.6	7.3	*	5.6	8.3	*
Initial Pacemaker Insertion.....	30	3.3	3.0	■	6.7	5.9	*	10.0	8.6	*
Carotid Endarterectomy.....	27	3.7	1.4	*	3.7	2.4	*	3.7	3.5	■
Hip Replacement/Reconstruction.....	59	5.1	3.3	3.3	8.5	6.5	3.8	11.9	8.7	5.0
Open Reduction of Hip Fracture.....	64	10.9	5.7	6.2	17.2	10.9	7.8	20.3	14.3	9.3
Prostatectomy.....	92	1.1	1.0	1.4	1.1	2.3	2.1	2.2	3.9	2.8
Cholecystectomy.....	58	0.0	1.7	2.2	3.4	2.9	2.5	3.4	3.7	2.5
Hysterectomy.....	21	0.0	0.3	*	0.0	0.7	*	0.0	1.0	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

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MERCY HEALTH CENTER

St. Joseph Unit / Dubuque, IA 52001 / PH. 319-589-8000

St. Mary's Unit / Dyersville, IA 52040 / PH. 319-875-7101

*A Division of the Sisters of Mercy Health Corporation***Medicare Provider No. 160069****January 11, 1991**

Health Care Financing Administration
Health Standards and Quality Bureau
Attn: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Mrs. Kappert:

Mercy Health Center supports the AHA statement that, "while the mortality information may be useful to clinicians and hospital administrators as screens to help analyze the quality and appropriateness of the services they provide, we do not believe it is an appropriate or useful basis for a public release". Since the data available to HCFA do not allow for measurement of patient characteristics that could have a large impact on the expected mortality rate, the conclusion cannot be made that hospitals exceed their expected mortality rates because of poor quality care. Deaths that occur 90 to 180 days after the individual left the hospital can many times be explained by other factors. The HCFA mortality rates identify differences in mortality among hospital patient populations with no attempt at explanation for that difference.

As part of the Mercy Health Center Medical Staff Quality Monitoring and Evaluation system, all mortalities are reviewed and analyzed to assure quality and appropriateness of care. Also as part of the program, different diagnoses were reviewed. For example, one of the diagnoses chosen as a study topic was congestive heart failure. In this study, care provided to patients with the principal diagnosis of CHF was reviewed and analyzed to assure appropriateness and quality.

HCFA's release of this information to the general public could result in the comparison of one hospital against another and the drawing of invalid conclusions regarding quality of care. Inconclusive and misleading data is a disservice both to the public and to health care providers.

Sincerely,

Sister Helen Huewe, O.S.F.

Sister Helen Huewe, O.S.F.
President



MERCY HOSPITAL800 Mercy Dr Box 1-C
Council Bluffs, IA 51502

Medicare Provider Number: 160028

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,174	9.3	9.2	1.3	15.4	13.9	1.4	18.1	17.6	1.3
CONDITIONS:										
Acute Myocardial Infarction.....	38	31.6	27.9	*	31.6	31.0	*	34.2	34.4	*
Congestive Heart Failure.....	54	22.2	15.5	8.3	33.3	24.3	7.7	37.0	31.5	7.0
Pneumonia/Influenza.....	74	17.6	17.5	5.2	24.3	23.6	5.0	25.7	28.5	5.9
Chronic Obstructive Pulmonary Disease.....	21	0.0	8.7	*	4.8	15.0	*	4.8	20.0	*
Transient Cerebral Ischemia.....	24	4.2	1.9	*	12.5	4.2	*	12.5	6.7	*
Stroke.....	33	18.2	20.8	*	27.3	27.5	*	27.3	32.1	*
Hip Fracture.....	33	9.1	6.2	*	21.2	11.0	*	21.2	14.4	*
Sepsis.....	16	6.3	23.0	*	25.0	32.6	*	37.5	39.6	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	12	0.0	3.0	*	8.3	6.7	*	8.3	10.4	*
Carotid Endarterectomy.....	6	0.0	1.7	*	0.0	3.5	*	0.0	5.2	*
Hip Replacement/Reconstruction.....	16	12.5	4.2	*	18.8	8.4	*	18.8	11.6	*
Open Reduction of Hip Fracture.....	18	0.0	5.9	*	16.7	11.0	*	16.7	14.4	*
Prostatectomy.....	31	3.2	1.6	*	6.5	3.8	*	9.7	6.2	*
Cholecystectomy.....	19	5.3	4.1	*	10.5	7.8	*	10.5	10.5	*
Hysterectomy.....	8	0.0	0.8	*	0.0	1.7	*	0.0	2.3	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 284
Occupancy Rate..... 50
Ownership/Control..... Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 79
Percent of Physicians Board Certified Specialists..... 61
Medical Residents/Interns..... 0
Registered Nurses..... 133
Licensed Practical Nurses..... 29

SPECIALTY SERVICES:

Burn Unit..... No
Cardiac Intensive Care..... Yes
Comprehensive Geriatric..... No
Hospice Care..... No
Medical/Surgical Intensive Care..... Yes
Organ/Tissue Transplant..... No
Other Intensive Care..... No
Rehabilitation Unit..... No
Trauma Center..... No

** Not used in calculating hospital mortality rates.

MERCY HOSPITAL
Medicare Provider Number: 160028

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	1,376	8.0	8.4	0.9	13.7	12.7	1.2	16.8	16.3	1.4
CONDITIONS:										
Acute Myocardial Infarction.....	41	34.1	33.6	*	39.0	37.8	*	39.0	41.8	*
Congestive Heart Failure.....	59	16.9	16.7	4.9	23.7	25.3	5.9	30.5	32.4	6.9
Pneumonia/Influenza.....	82	11.0	17.8	5.9	25.6	24.3	4.8	26.8	29.3	6.8
Chronic Obstructive Pulmonary Disease.....	14	7.1	6.9	*	14.3	10.3	*	14.3	13.2	*
Transient Cerebral Ischemia.....	21	0.0	2.5	*	4.8	5.5	*	4.8	8.5	*
Stroke.....	39	15.4	22.2	*	30.8	28.6	*	38.5	33.3	*
Hip Fracture.....	39	10.3	7.0	*	20.5	12.8	*	20.5	16.5	*
Sepsis.....	10	30.0	20.0	*	30.0	26.7	*	30.0	32.1	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	9	0.0	5.2	*	11.1	7.7	*	11.1	10.3	*
Carotid Endarterectomy.....	11	0.0	2.1	*	0.0	4.2	*	18.2	6.2	*
Hip Replacement/Reconstruction.....	14	14.3	7.3	*	50.0	14.4	*	50.0	19.3	*
Open Reduction of Hip Fracture.....	21	9.5	6.2	*	9.5	11.8	*	9.5	15.6	*
Prostatectomy.....	25	0.0	1.3	*	4.0	2.8	*	8.0	4.6	*
Cholecystectomy.....	35	2.9	2.3	*	2.9	4.2	*	2.9	5.5	*
Hysterectomy.....	3	0.0	1.3	*	0.0	3.0	*	0.0	4.8	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	1,398	9.6	9.0	0.9	14.9	13.8	1.4	18.1	17.7	1.1
CONDITIONS:										
Acute Myocardial Infarction.....	44	25.0	34.6	*	31.8	38.0	*	36.4	41.9	*
Congestive Heart Failure.....	40	15.0	16.0	*	17.5	23.4	*	27.5	29.8	*
Pneumonia/Influenza.....	86	23.3	18.3	9.2	30.2	25.0	9.0	34.9	30.3	9.5
Chronic Obstructive Pulmonary Disease.....	29	17.2	11.6	*	24.1	18.8	*	24.1	24.5	*
Transient Cerebral Ischemia.....	23	0.0	2.2	*	0.0	4.8	*	0.0	7.7	*
Stroke.....	38	26.3	25.3	*	36.8	32.1	*	36.8	37.1	*
Hip Fracture.....	31	3.2	7.1	*	12.9	12.8	*	16.1	16.4	*
Sepsis.....	10	40.0	38.6	*	50.0	45.4	*	60.0	51.3	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	21	4.8	3.9	*	4.8	7.6	*	14.3	10.9	*
Carotid Endarterectomy.....	8	0.0	1.9	*	12.5	4.0	*	25.0	6.1	*
Hip Replacement/Reconstruction.....	16	0.0	4.2	*	0.0	7.8	*	0.0	10.4	*
Open Reduction of Hip Fracture.....	16	0.0	6.6	*	12.5	12.4	*	18.8	16.1	*
Prostatectomy.....	38	0.0	1.3	*	2.6	3.2	*	5.3	5.3	*
Cholecystectomy.....	26	7.7	4.6	*	11.5	8.1	*	11.5	10.6	*
Hysterectomy.....	7	0.0	0.9	*	0.0	2.0	*	14.3	3.1	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

MERCY HOSPITAL

500 Market Street
Iowa City, IA 52240

Medicare Provider Number: 160029

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,171	7.2	7.4	0.8	11.4	11.4	0.7	14.0	14.6	0.9
CONDITIONS:										
Acute Myocardial Infarction.....	57	15.8	26.3	9.0	15.8	29.3	10.3	19.3	32.7	10.9
Congestive Heart Failure.....	91	14.3	14.4	7.6	26.4	22.7	7.8	33.0	29.7	6.5
Pneumonia/Influenza.....	67	9.0	14.3	8.4	14.9	20.0	9.2	17.9	24.6	10.6
Chronic Obstructive Pulmonary Disease.....	15	6.7	5.5	*	6.7	9.6	*	6.7	13.3	*
Transient Cerebral Ischemia.....	54	0.0	1.7	2.2	1.9	4.0	3.0	1.9	6.5	4.5
Stroke.....	95	16.8	19.6	4.4	21.1	25.6	5.5	26.3	30.0	5.3
Hip Fracture.....	79	11.4	5.5	4.1	16.5	10.4	4.6	16.5	13.9	5.6
Sepsis.....	18	38.9	31.9	*	44.4	39.9	*	50.0	47.5	*
PROCEDURES:										
Angioplasty.....	9	11.1	3.3	*	11.1	4.2	*	11.1	5.3	*
Coronary Artery Bypass Graft.....	12	0.0	4.4	*	0.0	6.0	*	0.0	7.3	*
Initial Pacemaker Insertion.....	10	0.0	2.8	*	10.0	5.9	*	10.0	8.9	*
Carotid Endarterectomy.....	4	0.0	1.2	*	0.0	2.0	*	0.0	2.9	*
Hip Replacement/Reconstruction.....	61	4.9	2.2	3.4	6.6	4.2	3.8	6.6	5.6	4.2
Open Reduction of Hip Fracture.....	24	12.5	4.8	*	16.7	9.6	*	16.7	13.2	*
Prostatectomy.....	68	0.0	1.1	1.5	1.5	2.7	2.3	2.9	4.6	3.5
Cholecystectomy.....	58	8.6	4.6	4.4	10.3	8.0	4.1	10.3	10.4	4.0
Hysterectomy.....	23	0.0	0.7	*	0.0	1.5	*	0.0	2.3	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 240
Occupancy Rate..... 65
Ownership/Control..... Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 115
Percent of Physicians Board Certified Specialists..... 94
Medical Residents/Interns..... 0
Registered Nurses..... 219
Licensed Practical Nurses..... 14

SPECIALTY SERVICES:

Burn Unit..... No
Cardiac Intensive Care..... No
Comprehensive Geriatric..... No
Hospice Care..... No
Medical/Surgical Intensive Care..... Yes
Organ/Tissue Transplant..... No
Other Intensive Care..... Yes
Rehabilitation Unit..... No
Trauma Center..... No

** Not used in calculating hospital mortality rates.

MERCY HOSPITAL
Medicare Provider Number: 160029

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,966	7.8	8.0	0.7	11.6	12.0	0.9	14.2	15.1	0.9
CONDITIONS:										
Acute Myocardial Infarction.....	63	30.2	33.2	7.1	30.2	36.5	7.7	31.7	40.1	8.6
Congestive Heart Failure.....	94	12.8	13.4	3.7	22.3	20.8	4.7	28.7	27.2	4.7
Pneumonia/Influenza.....	73	16.4	15.2	4.3	17.8	20.9	5.0	21.9	25.4	5.5
Chronic Obstructive Pulmonary Disease.....	12	8.3	14.5	*	8.3	22.6	*	8.3	28.7	*
Transient Cerebral Ischemia.....	51	0.0	1.6	2.1	0.0	3.7	3.8	2.0	6.1	4.5
Stroke.....	88	19.3	21.8	6.1	28.4	28.1	7.4	30.7	32.7	5.6
Hip Fracture.....	89	5.6	5.1	3.2	9.0	9.6	3.2	11.2	12.8	4.0
Sepsis.....	15	46.7	33.2	■	46.7	39.8	*	53.3	46.2	*
PROCEDURES:										
Angioplasty.....	12	8.3	9.7	*	8.3	10.5	■	8.3	11.7	*
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	3	0.0	4.0	*	0.0	6.6	*	0.0	9.2	*
Carotid Endarterectomy.....	2	0.0	1.0	*	0.0	1.7	*	0.0	2.4	*
Hip Replacement/Reconstruction.....	64	1.6	2.1	2.2	4.7	4.0	2.5	6.3	5.4	3.1
Open Reduction of Hip Fracture.....	44	9.1	5.0	*	11.4	9.9	*	13.6	13.3	*
Prostatectomy.....	60	0.0	0.8	1.7	1.7	1.9	2.5	5.0	3.1	3.1
Cholecystectomy.....	40	2.5	2.1	*	2.5	3.7	*	2.5	4.8	*
Hysterectomy.....	31	0.0	0.6	*	3.2	1.4	*	3.2	2.2	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,031	8.4	8.0	0.7	12.2	12.1	0.8	15.8	15.4	0.9
CONDITIONS:										
Acute Myocardial Infarction.....	68	22.1	29.1	8.7	26.5	32.4	9.2	27.9	36.0	10.4
Congestive Heart Failure.....	81	18.5	15.5	5.2	27.2	23.5	6.3	37.0	30.4	9.4
Pneumonia/Influenza.....	56	10.7	15.4	7.7	16.1	21.3	9.3	21.4	26.2	8.1
Chronic Obstructive Pulmonary Disease.....	14	21.4	6.3	*	35.7	11.0	*	35.7	15.0	*
Transient Cerebral Ischemia.....	56	1.8	1.6	*	1.8	3.4	■	1.8	5.4	■
Stroke.....	115	20.0	21.3	4.0	26.1	28.3	4.9	31.3	33.2	5.1
Hip Fracture.....	102	10.8	5.9	5.9	14.7	11.3	5.8	17.6	15.0	5.6
Sepsis.....	11	54.5	31.6	*	54.5	37.8	■	63.6	43.9	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	8	12.5	6.7	*	12.5	10.0	*	12.5	12.5	*
Carotid Endarterectomy.....	8	0.0	1.4	*	0.0	2.6	*	0.0	3.7	*
Hip Replacement/Reconstruction.....	73	6.8	2.6	3.8	9.6	5.1	5.5	12.3	6.9	6.0
Open Reduction of Hip Fracture.....	54	7.4	5.2	4.4	13.0	10.5	6.7	14.8	14.4	8.2
Prostatectomy.....	67	0.0	1.0	1.5	0.0	2.4	2.8	1.5	4.0	3.1
Cholecystectomy.....	47	4.3	2.6	*	6.4	4.8	*	8.5	6.4	*
Hysterectomy.....	28	3.6	0.5	■	3.6	1.1	*	3.6	1.7	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

MERCY HOSPITAL

West Central Park at Marquette
Davenport, IA 52804

Medicare Provider Number: 160033

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,881	8.6	7.6	0.9	13.8	11.9	1.1	17.0	15.3	1.1
CONDITIONS:										
Acute Myocardial Infarction.....	46	21.7	24.3	*	28.3	27.6	*	32.6	30.8	*
Congestive Heart Failure.....	59	16.9	12.6	7.9	27.1	19.9	10.3	32.2	25.9	10.0
Pneumonia/Influenza.....	65	15.4	12.6	7.3	20.0	17.9	5.7	23.1	21.7	5.4
Chronic Obstructive Pulmonary Disease.....	57	5.3	6.3	4.6	14.0	10.8	5.9	17.5	14.9	6.7
Transient Cerebral Ischemia.....	46	0.0	1.7	*	2.2	3.8	*	8.7	5.9	*
Stroke.....	70	20.0	19.6	4.7	31.4	26.3	5.8	42.9	30.9	8.3
Hip Fracture.....	66	7.6	4.5	3.6	9.1	8.3	3.5	15.2	11.0	5.4
Sepsis.....	17	23.5	16.8	*	35.3	21.8	*	35.3	26.2	*
PROCEDURES:										
Angioplasty.....	14	28.6	6.4	*	28.6	7.4	*	28.6	8.5	*
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	6	0.0	2.3	*	0.0	4.9	*	0.0	7.4	*
Carotid Endarterectomy.....	1	100.0	3.9	*	100.0	8.5	*	100.0	11.9	*
Hip Replacement/Reconstruction.....	62	1.6	2.1	1.9	3.2	4.3	2.8	4.8	6.1	3.5
Open Reduction of Hip Fracture.....	41	4.9	4.1	*	7.3	7.9	*	14.6	10.6	*
Prostatectomy.....	46	0.0	1.1	*	0.0	2.7	*	0.0	4.5	*
Cholecystectomy.....	30	0.0	2.8	*	0.0	5.1	*	0.0	6.8	*
Hysterectomy.....	6	0.0	0.4	*	0.0	0.7	*	0.0	1.0	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 265
Occupancy Rate..... 83
Ownership/Control..... Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 184
Percent of Physicians Board Certified Specialists..... 81
Medical Residents/Interns..... 0
Registered Nurses..... 263
Licensed Practical Nurses..... 3

SPECIALTY SERVICES:

Burn Unit..... No
Cardiac Intensive Care..... No
Comprehensive Geriatric..... Yes
Hospice Care..... No
Medical/Surgical Intensive Care..... Yes
Organ/Tissue Transplant..... No
Other Intensive Care..... Yes
Rehabilitation Unit..... Yes
Trauma Center..... No

** Not used in calculating hospital mortality rates.

MERCY HOSPITAL
Medicare Provider Number: 160033

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,807	9.5	8.5	0.9	14.4	13.1	1.3	18.0	16.8	1.5
CONDITIONS:										
Acute Myocardial Infarction.....	29	41.4	25.9	*	41.4	30.0	*	41.4	33.9	*
Congestive Heart Failure.....	69	17.4	13.5	5.4	20.3	21.2	5.1	24.6	27.7	6.6
Pneumonia/Influenza.....	62	19.4	16.0	5.9	30.6	21.7	8.9	33.9	26.4	8.6
Chronic Obstructive Pulmonary Disease.....	32	12.5	4.8	*	12.5	8.9	*	12.5	12.7	*
Transient Cerebral Ischemia.....	24	0.0	1.9	*	0.0	4.1	*	0.0	6.5	*
Stroke.....	78	9.0	19.0	5.6	23.1	25.1	5.0	32.1	29.8	5.2
Hip Fracture.....	54	7.4	5.2	3.6	11.1	9.7	4.4	13.0	12.9	4.6
Sepsis.....	8	50.0	28.9	*	50.0	40.9	*	50.0	48.8	*
PROCEDURES:										
Angioplasty.....	9	11.1	4.5	*	11.1	5.7	*	11.1	7.0	*
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	2	0.0	1.4	*	0.0	2.7	*	0.0	3.9	*
Hip Replacement/Reconstruction.....	60	6.7	2.4	3.3	10.0	4.6	4.5	10.0	6.2	4.8
Open Reduction of Hip Fracture.....	32	3.1	4.5	*	3.1	9.0	*	6.3	12.3	*
Prostatectomy.....	47	0.0	1.5	*	0.0	3.6	*	0.0	6.0	*
Cholecystectomy.....	37	5.4	2.2	*	8.1	3.8	*	8.1	5.0	*
Hysterectomy.....	4	0.0	2.5	*	0.0	4.9	*	0.0	6.9	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,804	10.7	8.5	1.3	15.4	13.0	1.3	18.5	16.7	1.3
CONDITIONS:										
Acute Myocardial Infarction.....	49	32.7	27.5	*	44.9	30.8	*	44.9	34.2	*
Congestive Heart Failure.....	61	27.9	16.4	7.3	37.7	24.9	8.4	39.3	31.9	7.1
Pneumonia/Influenza.....	45	17.8	15.4	*	28.9	20.9	*	35.6	25.4	*
Chronic Obstructive Pulmonary Disease.....	48	10.4	8.3	*	16.7	13.8	*	22.9	18.2	*
Transient Cerebral Ischemia.....	32	0.0	2.0	*	6.3	4.3	*	9.4	6.8	*
Stroke.....	75	22.7	21.0	5.8	33.3	27.0	9.3	38.7	31.6	10.1
Hip Fracture.....	62	9.7	6.1	5.0	12.9	11.1	5.2	14.5	14.5	4.5
Sepsis.....	6	50.0	26.2	*	50.0	34.6	*	50.0	41.6	*
PROCEDURES:										
Angioplasty.....	2	0.0	13.8	*	0.0	15.1	*	0.0	16.7	*
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	7	0.0	2.9	*	0.0	6.4	*	0.0	9.8	*
Carotid Endarterectomy.....	5	0.0	1.7	*	20.0	3.2	*	20.0	4.6	*
Hip Replacement/Reconstruction.....	57	8.8	2.7	4.9	8.8	5.1	4.7	8.8	6.7	4.9
Open Reduction of Hip Fracture.....	42	2.4	4.7	*	7.1	9.1	*	7.1	12.1	*
Prostatectomy.....	43	0.0	1.2	*	0.0	2.8	*	0.0	4.7	*
Cholecystectomy.....	52	7.7	2.5	4.1	9.6	4.8	5.0	9.6	6.5	5.5
Hysterectomy.....	10	0.0	0.5	*	0.0	0.9	*	0.0	1.3	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

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MERCY HOSPITAL

1401 West Central Park Avenue • Davenport, Iowa 52804-1769 • 319-383-1000

January 15, 1991

Medicare Provider No. 160033

Health Care Financing Administration
Health Standards and Quality Bureau
Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Mrs. Kappert:

The following remarks are intended to be included with the published mortality data for our facility.

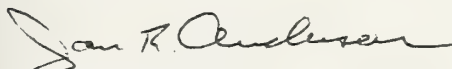
While the original intent of such studies may have been admirable, the outcome is questionable. By extending the reporting period of up to 180 days from admission to death, many opportunities for questionable data are open. Deaths of unrelated means may be included with the hospital data. The patient may have had encounters with other facilities within the 180 days yet be included with this facilities data.

The accuracy of the data is questionable. The one case of Carotid Endarectomy which resulted in 100% mortality indicates the date of death to be more than 30 days after discharge. In fact, the patient expired within our facility. It would seem that the data should be more accurate.

The inclusion of data based on small samples invites erroneous assumptions. It is natural for attention to be drawn to high percentages. If the standard deviation can not be calculated, the data should not be published.

We hope that anyone who looks at this report has the knowledge to understand the possible inaccuracies and to question the assumptions. Thank you for the opportunity to respond.

Sincerely,



Jon R. Anderson
Vice President

JRA:ab

MERCY HOSPITAL

Rosary Drive Box 368

Corning, IA 50841

Medicare Provider Number: 160041

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	216	10.6	10.4	2.1	15.7	15.0	2.7	18.5	18.7	2.7
CONDITIONS:										
Acute Myocardial Infarction.....	10	30.0	33.3	*	50.0	37.3	*	50.0	41.0	*
Congestive Heart Failure.....	6	0.0	14.5	*	0.0	22.2	*	0.0	28.9	*
Pneumonia/Influenza.....	23	21.7	16.1	*	21.7	22.2	*	21.7	26.9	*
Chronic Obstructive Pulmonary Disease.....	1	0.0	6.3	*	0.0	12.5	*	0.0	18.5	*
Transient Cerebral Ischemia.....	0									
Stroke.....	8	12.5	21.5	*	25.0	28.7	*	25.0	33.8	*
Hip Fracture.....	11	0.0	6.7	*	18.2	12.4	*	27.3	16.3	*
Sepsis.....	4	25.0	26.4	*	25.0	33.0	*	25.0	38.9	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	4	0.0	5.6	*	0.0	11.2	*	25.0	15.2	*
Open Reduction of Hip Fracture.....	7	0.0	6.0	*	28.6	11.6	*	28.6	15.5	*
Prostatectomy.....	13	0.0	1.5	*	0.0	3.6	*	0.0	5.9	*
Cholecystectomy.....	10	10.0	1.8	*	10.0	3.0	*	10.0	3.8	*
Hysterectomy.....	2	0.0	0.8	*	0.0	1.3	*	0.0	1.6	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 22
 Occupancy Rate..... 50
 Ownership/Control..... Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 14
 Percent of Physicians Board Certified Specialists..... 86
 Medical Residents/Interns..... 0
 Registered Nurses..... 14
 Licensed Practical Nurses..... 5

SPECIALTY SERVICES:

Burn Unit..... No
 Cardiac Intensive Care..... No
 Comprehensive Geriatric..... No
 Hospice Care..... No
 Medical/Surgical Intensive Care..... No
 Organ/Tissue Transplant..... No
 Other Intensive Care..... No
 Rehabilitation Unit..... No
 Trauma Center..... No

** Not used in calculating hospital mortality rates.

MERCY HOSPITAL
Medicare Provider Number: 160041

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	172	13.4	9.4	2.8	18.6	14.4	3.0	23.3	18.6	3.4
CONDITIONS:										
Acute Myocardial Infarction.....	4	25.0	21.7	*	25.0	25.2	*	25.0	28.7	*
Congestive Heart Failure.....	12	16.7	12.8	*	33.3	20.0	*	41.7	26.2	*
Pneumonia/Influenza.....	9	22.2	17.2	*	33.3	24.7	*	55.6	30.4	*
Chronic Obstructive Pulmonary Disease.....	0									
Transient Cerebral Ischemia.....	3	0.0	2.3	*	0.0	4.9	*	0.0	7.8	*
Stroke.....	8	50.0	21.5	*	50.0	28.3	*	62.5	33.1	*
Hip Fracture.....	7	0.0	6.0	*	0.0	11.0	*	14.3	14.3	*
Sepsis.....	6	33.3	29.9	*	33.3	36.7	*	33.3	42.5	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	2	0.0	3.9	*	0.0	7.1	*	0.0	9.1	*
Open Reduction of Hip Fracture.....	4	0.0	6.7	*	0.0	13.2	*	25.0	17.5	*
Prostatectomy.....	3	0.0	1.4	*	0.0	3.4	*	0.0	5.7	*
Cholecystectomy.....	10	10.0	4.2	*	10.0	6.8	*	20.0	8.3	*
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	175	11.4	9.7	3.1	17.1	14.3	4.8	21.1	18.0	6.1
CONDITIONS:										
Acute Myocardial Infarction.....	10	30.0	32.9	*	30.0	36.6	*	40.0	40.6	*
Congestive Heart Failure.....	7	28.6	22.4	*	28.6	33.5	*	28.6	42.2	*
Pneumonia/Influenza.....	14	0.0	16.1	*	28.6	22.3	*	35.7	27.5	*
Chronic Obstructive Pulmonary Disease.....	1	0.0	3.6	*	0.0	6.5	*	0.0	9.4	*
Transient Cerebral Ischemia.....	0									
Stroke.....	7	14.3	21.9	*	28.6	29.4	*	42.9	34.5	*
Hip Fracture.....	20	10.0	6.5	*	20.0	12.2	*	20.0	16.1	*
Sepsis.....	1	0.0	14.7	*	0.0	19.3	*	0.0	23.3	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	5	0.0	7.2	*	20.0	14.0	*	20.0	18.4	*
Open Reduction of Hip Fracture.....	10	20.0	5.0	*	20.0	10.0	*	20.0	13.6	*
Prostatectomy.....	6	0.0	1.3	*	0.0	3.2	*	0.0	5.3	*
Cholecystectomy.....	3	0.0	1.7	*	0.0	3.3	*	0.0	4.9	*
Hysterectomy.....	1	0.0	0.9	*	0.0	2.0	*	0.0	3.4	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

MERCY HOSPITAL MEDICAL CENTER

Sixth and University
Des Moines, IA 50314

Medicare Provider Number: 160083

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	5,254	8.7	8.2	0.5	13.0	12.4	0.6	16.1	15.8	0.7
CONDITIONS:										
Acute Myocardial Infarction.....	241	19.5	24.7	4.7	24.9	28.0	4.5	27.8	31.2	4.2
Congestive Heart Failure.....	224	17.4	15.8	2.9	26.3	24.3	3.9	35.7	31.3	5.9
Pneumonia/Influenza.....	216	17.1	16.4	2.7	25.5	22.4	4.7	29.6	27.1	5.1
Chronic Obstructive Pulmonary Disease.....	50	10.0	6.5	*	12.0	11.7	*	20.0	16.4	*
Transient Cerebral Ischemia.....	63	0.0	1.9	2.8	0.0	4.2	5.6	6.3	6.8	4.1
Stroke.....	181	17.7	20.8	3.9	25.4	27.5	4.5	30.9	31.9	3.5
Hip Fracture.....	114	9.6	6.0	3.2	14.0	10.7	3.4	14.9	13.9	3.3
Sepsis.....	31	35.5	24.8	*	45.2	31.9	*	45.2	38.0	*
PROCEDURES:										
Angioplasty.....	298	6.4	3.9	2.2	7.7	4.9	2.3	8.7	6.1	2.4
Coronary Artery Bypass Graft.....	155	2.6	5.9	2.7	5.2	8.1	2.7	6.5	9.5	2.9
Initial Pacemaker Insertion.....	54	3.7	4.0	3.6	7.4	7.1	3.9	9.3	9.8	4.1
Carotid Endarterectomy.....	14	0.0	1.4	*	0.0	2.6	*	0.0	4.0	*
Hip Replacement/Reconstruction.....	80	5.0	2.5	3.2	7.5	4.7	3.3	7.5	6.3	3.9
Open Reduction of Hip Fracture.....	16	0.0	5.6	*	0.0	10.2	*	0.0	13.2	*
Prostatectomy.....	125	0.8	0.9	1.1	2.4	2.2	1.4	4.0	3.7	1.7
Cholecystectomy.....	85	8.2	2.6	3.2	9.4	4.6	3.2	10.6	6.0	3.4
Hysterectomy.....	24	0.0	0.8	*	0.0	1.7	*	0.0	2.5	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 535
Occupancy Rate..... 89
Ownership/Control..... Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 489
Percent of Physicians Board Certified Specialists..... 84
Medical Residents/Interns..... 0
Registered Nurses..... 655
Licensed Practical Nurses..... 95

SPECIALTY SERVICES:

Burn Unit..... No
Cardiac Intensive Care..... Yes
Comprehensive Geriatric..... Yes
Hospice Care..... Yes
Medical/Surgical Intensive Care..... Yes
Organ/Tissue Transplant..... Yes
Other Intensive Care..... No
Rehabilitation Unit..... No
Trauma Center..... No

** Not used in calculating hospital mortality rates.

MERCY HOSPITAL MEDICAL CENTER

Medicare Provider Number: 160083

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	5,133	8.9	8.3	0.6	13.6	12.5	0.8	16.7	16.0	0.9
CONDITIONS:										
Acute Myocardial Infarction.....	274	28.1	25.5	3.3	30.7	28.8	3.0	31.0	32.3	3.0
Congestive Heart Failure.....	173	16.8	16.5	3.1	25.4	25.2	3.7	33.5	32.2	3.9
Pneumonia/Influenza.....	172	17.4	15.9	3.0	24.4	21.8	5.7	30.2	26.6	5.4
Chronic Obstructive Pulmonary Disease.....	67	13.4	6.1	4.7	20.9	11.8	6.0	22.4	16.8	5.5
Transient Cerebral Ischemia.....	57	0.0	2.1	3.1	3.5	4.6	4.8	12.3	7.2	6.6
Stroke.....	136	27.2	20.4	4.9	30.1	26.9	4.3	34.6	31.4	4.3
Hip Fracture.....	134	4.5	6.7	3.5	11.2	12.2	3.9	14.9	15.7	3.3
Sepsis.....	20	25.0	29.5	*	35.0	38.0	*	40.0	44.9	*
PROCEDURES:										
Angioplasty.....	287	8.7	4.7	2.1	10.5	5.8	2.4	10.8	7.0	2.5
Coronary Artery Bypass Graft.....	137	8.8	5.8	2.6	11.7	7.8	3.1	14.6	9.1	3.9
Initial Pacemaker Insertion.....	50	2.0	4.1	*	2.0	6.6	*	2.0	9.0	*
Carotid Endarterectomy.....	13	0.0	1.3	*	0.0	2.5	*	0.0	3.7	*
Hip Replacement/Reconstruction.....	70	5.7	3.0	3.2	8.6	5.8	3.6	11.4	7.8	4.9
Open Reduction of Hip Fracture.....	38	10.5	6.7	*	21.1	12.6	*	23.7	16.5	*
Prostatectomy.....	130	1.5	0.9	1.0	1.5	2.0	1.7	5.4	3.3	2.0
Cholecystectomy.....	108	3.7	3.8	1.9	7.4	6.7	2.5	9.3	8.6	3.7
Hysterectomy.....	32	3.1	1.4	*	6.3	3.2	*	9.4	4.9	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	4,938	8.9	8.8	0.4	13.2	13.2	0.6	16.3	16.8	0.7
CONDITIONS:										
Acute Myocardial Infarction.....	255	22.7	27.2	4.4	26.3	30.6	4.8	27.8	33.9	5.2
Congestive Heart Failure.....	182	20.3	17.0	5.5	31.9	25.5	6.7	39.0	32.6	7.6
Pneumonia/Influenza.....	141	17.0	17.2	3.3	23.4	23.4	3.6	29.1	28.4	3.9
Chronic Obstructive Pulmonary Disease.....	56	7.1	7.5	5.5	14.3	13.6	4.9	17.9	18.7	5.9
Transient Cerebral Ischemia.....	52	3.8	2.1	2.5	3.8	4.5	3.4	9.6	7.1	4.6
Stroke.....	163	19.0	19.9	3.6	25.8	27.0	4.0	28.2	31.4	4.5
Hip Fracture.....	115	8.7	7.2	2.6	16.5	12.9	4.1	20.9	16.5	5.5
Sepsis.....	29	34.5	26.1	*	44.8	34.9	*	48.3	41.1	*
PROCEDURES:										
Angioplasty.....	259	8.1	6.1	2.2	8.9	7.2	2.1	9.3	8.5	1.8
Coronary Artery Bypass Graft.....	146	12.3	7.8	4.3	13.7	9.8	4.5	13.7	11.1	4.6
Initial Pacemaker Insertion.....	65	1.5	3.8	4.4	4.6	7.2	3.9	7.7	10.1	5.0
Carotid Endarterectomy.....	24	4.2	1.7	*	4.2	3.5	*	4.2	5.2	*
Hip Replacement/Reconstruction.....	71	2.8	2.9	2.1	5.6	5.6	2.8	8.5	7.5	3.7
Open Reduction of Hip Fracture.....	48	6.3	6.8	*	12.5	12.8	*	18.7	16.6	*
Prostatectomy.....	149	1.3	1.2	1.2	4.0	2.9	2.1	6.0	4.8	2.7
Cholecystectomy.....	100	5.0	2.8	2.3	5.0	4.8	2.4	5.0	6.1	2.9
Hysterectomy.....	20	5.0	2.2	*	5.0	4.6	*	10.0	6.4	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

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MERCY HOSPITAL MEDICAL CENTER

January 15, 1991

Sandra Kappert
Health Standards and Quality Bureau
Health Care Financing Administration
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Ms. Kappert:

We are pleased to have received the AHA mortality data for 1989 in advance of its publication. As usual, we will internalize the information, looking carefully at any points where Mercy's figures deviate from the norm.

Mercy is a tertiary care hospital, and because of that designation within our service area, we have a complex clinical picture. The three-year comparison is helpful, and will allow us to continue to use the data as an internal tool to assure quality.

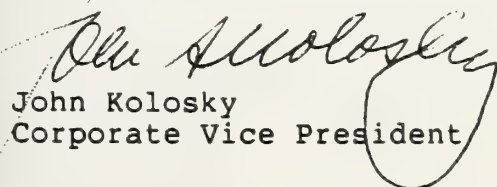
The new format you are using to report the figures is more descriptive and easier to use -- a significant improvement over the previous year. For the most part, the data seems to be consistent with our own records.

Although the 30-60-90 day continuum is useful, we would suggest that next year you group the cases by IDC-9 code because it is difficult to backtrack through the information to check each case.

Also, more lead time would allow us to more thoroughly investigate the information before responding.

We commend your efforts in producing meaningful statistics; and we are confident that you will make every effort to present a fair and accurate picture to the press.

Sincerely,



John Kolosky
Corporate Vice President

MERCY HOSPITAL OF FRANCISCAN SISTERS

201-8th Ave SE
Oelwein, IA 50662

Medicare Provider Number: 160135

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	217	12.4	8.4	2.6	18.9	12.9	3.5	22.6	16.7	4.2
CONDITIONS:										
Acute Myocardial Infarction.....	9	22.2	26.4	*	44.4	29.4	*	44.4	33.2	*
Congestive Heart Failure.....	16	18.8	13.4	*	37.5	20.9	*	43.8	27.4	*
Pneumonia/Influenza.....	21	23.8	16.2	*	33.3	22.4	*	42.9	27.5	*
Chronic Obstructive Pulmonary Disease.....	5	20.0	3.9	*	20.0	7.2	*	20.0	10.2	*
Transient Cerebral Ischemia.....	4	0.0	2.0	*	0.0	4.4	*	0.0	7.1	*
Stroke.....	8	12.5	13.8	*	25.0	19.4	*	37.5	23.6	*
Hip Fracture.....	0									
Sepsis.....	2	0.0	24.2	*	0.0	30.0	*	0.0	35.4	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	4	0.0	0.9	*	0.0	2.4	*	0.0	4.3	*
Cholecystectomy.....	7	14.3	3.1	*	14.3	5.2	*	14.3	6.5	*
Hysterectomy.....	1	0.0	0.5	*	0.0	0.9	*	0.0	1.2	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 49
Occupancy Rate..... 25
Ownership/Control..... Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 2
Percent of Physicians Board Certified Specialists..... (Not Available)
Medical Residents/Interns..... 0
Registered Nurses..... 14
Licensed Practical Nurses..... 8

SPECIALTY SERVICES:

Burn Unit..... No
Cardiac Intensive Care..... No
Comprehensive Geriatric..... No
Hospice Care..... No
Medical/Surgical Intensive Care..... Yes
Organ/Tissue Transplant..... No
Other Intensive Care..... No
Rehabilitation Unit..... No
Trauma Center..... No

** Not used in calculating hospital mortality rates.

MERCY HOSPITAL OF FRANCISCAN SISTERS

Medicare Provider Number: 160135

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	197	13.2	8.0	2.8	18.8	12.4	3.4	23.9	16.3	3.9
CONDITIONS:										
Acute Myocardial Infarction.....	9	33.3	20.2	*	33.3	22.6	*	33.3	25.4	*
Congestive Heart Failure.....	17	35.3	14.7	*	47.1	22.4	*	64.7	28.8	*
Pneumonia/Influenza.....	14	21.4	17.5	*	28.6	24.2	*	57.1	29.4	*
Chronic Obstructive Pulmonary Disease.....	2	50.0	7.5	*	100.0	14.9	*	100.0	21.8	*
Transient Cerebral Ischemia.....	4	0.0	1.5	*	0.0	3.6	*	0.0	5.8	*
Stroke.....	8	50.0	25.8	*	50.0	33.9	*	62.5	39.1	*
Hip Fracture.....	0									
Sepsis.....	2	0.0	20.3	*	0.0	22.9	*	0.0	26.3	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	8	0.0	1.3	*	0.0	3.2	*	0.0	5.4	*
Cholecystectomy.....	4	0.0	2.3	*	0.0	3.5	*	0.0	4.2	*
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	182	10.4	8.1	3.2	14.8	12.4	3.1	17.6	16.2	2.9
CONDITIONS:										
Acute Myocardial Infarction.....	5	60.0	22.4	*	60.0	24.8	*	60.0	27.6	*
Congestive Heart Failure.....	20	15.0	12.4	*	25.0	19.2	*	25.0	25.4	*
Pneumonia/Influenza.....	14	14.3	16.0	*	21.4	22.5	*	21.4	27.8	*
Chronic Obstructive Pulmonary Disease.....	7	0.0	7.4	*	0.0	12.8	*	0.0	18.1	*
Transient Cerebral Ischemia.....	6	0.0	1.7	*	16.7	3.9	*	16.7	6.4	*
Stroke.....	7	14.3	16.3	*	14.3	21.8	*	14.3	26.4	*
Hip Fracture.....	1	0.0	4.8	*	0.0	9.1	*	0.0	12.4	*
Sepsis.....	2	0.0	20.7	*	0.0	25.4	*	0.0	29.9	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	5	0.0	1.4	*	0.0	3.4	*	0.0	5.6	*
Cholecystectomy.....	2	0.0	1.2	*	0.0	2.0	*	0.0	2.6	*
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

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Mercy Hospital of Franciscan Sisters

12-24-90

Medicare Provider #
16-0135

REQUEST FOR ADMINISTRATIVE CHANGES

Health Care Financing Administration
Health Standards Quality Bureau
Attention: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Mrs. Sandra Kappert:

Please make the following changes relative to HOSPITAL
CHARACTERISTICS data for our institution.

Total Number of Physicians 4

Percent of Physicians who are
Board Certified Specialists 50%

Medical/Surgical Intensive Care NO

Thank you for your attention to this matter

Mary Poling
Vice President Patient Management

MERCY MEDICAL CENTER

701 10th St SE
Cedar Rapids, IA 52403

Medicare Provider Number: 160079

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	2,503	8.8	7.7	0.6	14.2	11.9	1.3	17.1	15.3	0.9
CONDITIONS:										
Acute Myocardial Infarction.....	57	19.3	24.3	8.2	21.1	28.0	8.7	21.1	31.3	9.6
Congestive Heart Failure.....	86	12.8	14.1	5.4	22.1	22.3	5.0	31.4	28.9	5.9
Pneumonia/Influenza.....	107	17.8	17.3	3.9	28.0	23.8	5.6	37.4	28.5	8.0
Chronic Obstructive Pulmonary Disease.....	27	11.1	7.5	*	22.2	12.3	*	25.9	16.4	*
Transient Cerebral Ischemia.....	18	5.6	1.4	*	5.6	3.2	*	5.6	5.0	*
Stroke.....	93	17.2	19.6	5.4	24.7	26.0	6.0	25.8	30.5	8.2
Hip Fracture.....	76	11.8	6.0	5.8	15.8	10.8	6.6	19.7	14.0	6.5
Sepsis.....	28	21.4	28.8	*	42.9	36.6	*	53.6	43.1	*
PROCEDURES:										
Angioplasty.....	2	0.0	2.5	*	0.0	3.5	*	0.0	4.6	*
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	16	0.0	2.5	*	0.0	5.2	*	0.0	7.9	*
Carotid Endarterectomy.....	10	0.0	1.0	*	0.0	1.8	*	0.0	2.6	*
Hip Replacement/Reconstruction.....	71	4.2	2.6	2.5	7.0	4.9	3.1	7.0	6.5	3.0
Open Reduction of Hip Fracture.....	30	16.7	5.2	*	23.3	9.9	*	30.0	13.1	*
Prostatectomy.....	83	1.2	0.6	1.0	1.2	1.5	1.6	2.4	2.6	2.2
Cholecystectomy.....	46	0.0	2.4	*	0.0	4.4	*	0.0	5.8	*
Hysterectomy.....	28	3.6	0.5	*	3.6	1.1	*	3.6	1.6	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 444
Occupancy Rate..... 66
Ownership/Control..... Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 239
Percent of Physicians Board Certified Specialists..... 73
Medical Residents/Interns..... 12
Registered Nurses..... 359
Licensed Practical Nurses..... 15

SPECIALTY SERVICES:

Burn Unit..... No
Cardiac Intensive Care..... No
Comprehensive Geriatric..... Yes
Hospice Care..... Yes
Medical/Surgical Intensive Care..... Yes
Organ/Tissue Transplant..... No
Other Intensive Care..... No
Rehabilitation Unit..... No
Trauma Center..... Yes

** Not used in calculating hospital mortality rates.

MERCY MEDICAL CENTER

Medicare Provider Number: 160079

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,498	9.3	7.8	0.8	14.0	12.2	1.0	17.3	15.8	1.0
CONDITIONS:										
Acute Myocardial Infarction.....	61	37.7	31.0	8.0	39.3	34.3	8.2	41.0	37.8	7.1
Congestive Heart Failure.....	81	14.8	16.4	5.2	24.7	24.9	7.3	32.1	32.0	5.8
Pneumonia/Influenza.....	119	18.5	16.1	5.9	24.4	22.2	6.9	29.4	26.9	6.9
Chronic Obstructive Pulmonary Disease.....	19	10.5	6.2	*	10.5	10.6	*	15.8	14.6	*
Transient Cerebral Ischemia.....	32	0.0	1.7	*	3.1	3.7	*	3.1	5.9	*
Stroke.....	80	26.2	20.2	6.4	30.0	26.6	6.2	32.5	31.3	5.4
Hip Fracture.....	72	2.8	5.9	4.8	5.6	10.8	6.9	9.7	14.1	7.8
Sepsis.....	21	23.8	25.0	*	23.8	34.2	*	23.8	41.1	*
PROCEDURES:										
Angioplasty.....	10	10.0	5.6	*	10.0	6.4	*	10.0	7.4	*
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	18	0.0	5.3	*	0.0	8.8	*	5.6	11.9	*
Carotid Endarterectomy.....	7	0.0	1.4	*	0.0	2.5	*	14.3	3.6	*
Hip Replacement/Reconstruction.....	87	3.4	2.8	1.9	4.6	5.3	2.7	9.2	7.1	3.9
Open Reduction of Hip Fracture.....	32	3.1	4.9	*	6.3	9.8	*	9.4	13.4	*
Prostatectomy.....	98	1.0	0.9	1.0	3.1	2.0	1.7	5.1	3.4	2.7
Cholecystectomy.....	55	0.0	2.9	3.0	0.0	5.3	4.7	3.6	7.0	4.4
Hysterectomy.....	19	0.0	1.2	*	0.0	2.3	*	0.0	3.5	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,575	9.6	8.2	0.8	14.4	12.9	1.0	17.5	16.6	1.0
CONDITIONS:										
Acute Myocardial Infarction.....	64	29.7	27.5	6.0	39.1	30.6	7.2	40.6	33.9	6.8
Congestive Heart Failure.....	96	18.8	15.4	5.8	26.0	23.9	5.9	32.3	30.9	5.5
Pneumonia/Influenza.....	124	18.5	15.6	3.5	28.2	21.7	4.7	33.1	26.8	5.2
Chronic Obstructive Pulmonary Disease.....	20	15.0	7.2	*	25.0	13.3	*	30.0	18.5	*
Transient Cerebral Ischemia.....	47	0.0	1.7	*	0.0	3.7	*	2.1	6.0	*
Stroke.....	97	22.7	19.7	5.6	25.8	26.4	4.9	29.9	31.2	4.8
Hip Fracture.....	75	8.0	6.2	3.2	14.7	11.4	5.3	17.3	15.1	6.6
Sepsis.....	23	47.8	25.2	*	52.2	32.1	*	52.2	38.0	*
PROCEDURES:										
Angioplasty.....	6	0.0	8.6	*	0.0	9.6	*	0.0	10.8	*
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	22	0.0	3.2	*	0.0	6.7	*	4.5	10.2	*
Carotid Endarterectomy.....	18	5.6	1.5	*	5.6	2.8	*	5.6	4.0	*
Hip Replacement/Reconstruction.....	69	7.2	3.3	4.1	10.1	6.5	5.0	11.6	8.9	4.7
Open Reduction of Hip Fracture.....	36	2.8	5.9	*	11.1	11.5	*	11.1	15.2	*
Prostatectomy.....	72	1.4	1.2	1.8	2.8	2.9	2.4	5.6	4.7	2.8
Cholecystectomy.....	62	0.0	3.1	3.7	0.0	5.3	5.7	1.6	6.7	5.5
Hysterectomy.....	25	0.0	1.0	*	0.0	1.9	*	0.0	2.7	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

MERCY
MEDICAL CENTER**January 14, 1991****Provider # 160079**

Health Care Financing Administration
Health Standards and Quality Bureau
2-D-2 Meadows East Building
6325 Security Blvd.
Baltimore, Maryland 21207

Attention: Mrs. Sandra Kappert

Dear Mrs. Kappert:

This letter serves as Mercy Medical Center's formal response to the Medicare mortality data recently sent to us by the Health Care Financing Administration (HCFA). We have several comments regarding the compilation, reporting, and interpretation of the statistical information presented in the mortality report.

The Medicare mortality data provided by HCFA represents a sample of Medicare discharges from Mercy Medical Center. This sample covers hospital discharges from October 1988 through September 1989 and includes patients who died within 180 days of their hospital discharge. For patients who have had multiple admissions to the hospital, only one discharge was randomly selected for the compilation.

The 1989 HCFA data provided to Mercy Medical Center indicates that 2,503 Medicare cases were considered in this statistical model. According to our records, 3,929 Medicare discharges occurred in the period from October 1988 through September 1989. The difference between our Medicare discharge figure and the HCFA sample is attributed to HCFA's selection of only one inpatient admission per Medicare patient. As a result, the data analysis presented by HCFA somewhat misrepresents Mercy's experience with Medicare hospitalizations. For example, a patient might have had a series of admissions to the hospital during the course of one year, followed by death away from the hospital at some point after one of the discharges. The fact that the hospital had been able to return the patient to a functioning level which allowed the patient to be discharged several times is not reflected in the data.

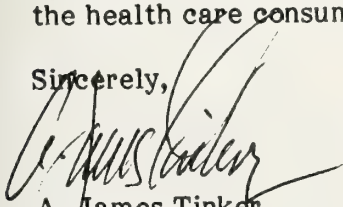
Second, we are concerned that the information presented to the public includes mortalities up to 180 days after a patient has been discharged from the hospital. Thus, the mortality report seems to hold hospitals accountable for deaths which occur one to six months after hospitalization. While it may be correct to assume that we are responsible for the patient's health status during their hospitalization, it is unfair to assume that the hospital has a significant effect on the patient's health status at one month, three months, or even six months after the hospital stay. Many factors contribute the patient's health status other than hospitalization. Factors such as inadequate access to primary, nursing home, or home health care after discharge; poor family/home support structures; chronic or acute disease processes not evident at hospitalization; availability of Medicaid/Medicare supplemental insurance coverage; and even accidental death can impact the patient's health status.

Third, we wish to comment on the interpretation of the observed and predicted mortality rates. We feel that greater explanation is required in order to understand the relationship between the observed mortality rate and HCFA's predicted rate. It is our feeling that the data can be best understood by calculating a 95% confidence range for the predicted value. In other words, we feel that the data should be interpreted by comparing Mercy's observed value to a relevant predicted range. The upper limit of the predicted range is estimated by adding two standard deviations (the figure in the corresponding SD column) to the predicted value, while the lower portion of the range is calculated by subtracting two standard deviations from the predicted value. Thus, the predicted range for the 30 day mortality rate for all causes is 6.5% to 8.9%. Likewise, the predicted range for the 90 day mortality rate is calculated as 9.3% to 14.5%. Finally, the predicted range for the 180 day mortality rate from all causes is 13.5% to 17.1%. In each instance, Mercy's observed mortality rate falls within the range predicted by a 95% confidence interval. If a similar range is calculated for each condition and procedure listed in the mortality report, Mercy's observed values fall well within a range predicted by a 95% confidence interval (i.e., two standard deviations above and below the predicted value) for each category.

Fourth, we wish to highlight that the mortality rates for those conditions and procedures which do not contain at least 50 cases in the sample cannot be relied upon to offer a statistically valid measurement of the observed mortality rate. Indeed, we would argue that each category with 50 cases or less in the sample should not even appear in the mortality rate report (i.e., those categories for which an asterisk appears in the standard deviation column). Mortality rate comparisons for these categories are meaningless and can only serve to further confuse readers of the report.

Finally, we must voice our concern about the release of mortality information to the public. Mortality is a vastly inadequate measure of hospital quality. HCFA's inappropriate emphasis upon mortality rates can only mislead healthcare consumers. The agency's efforts should be redirected toward quality measures which offer more value to the health care consumer.

Sincerely,



A. James Tinker
Administrator & CEO

MERRILL PIONEER COMMUNITY HOSPITAL

801 South Greene Street
Rock Rapids, IA 51246

Medicare Provider Number: 160051

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	140	16.4	13.1	3.8	23.6	19.1	4.7	27.1	23.8	4.2
CONDITIONS:										
Acute Myocardial Infarction.....	8	50.0	39.3	*	62.5	43.5	*	62.5	47.1	*
Congestive Heart Failure.....	10	20.0	16.5	*	30.0	25.6	*	30.0	32.9	*
Pneumonia/Influenza.....	2	50.0	12.9	*	50.0	18.7	*	50.0	22.9	*
Chronic Obstructive Pulmonary Disease.....	2	0.0	11.5	*	50.0	19.3	*	50.0	25.2	*
Transient Cerebral Ischemia.....	2	0.0	1.5	*	0.0	3.6	*	0.0	6.1	*
Stroke.....	9	33.3	21.8	*	44.4	27.5	*	44.4	31.9	*
Hip Fracture.....	11	0.0	6.1	*	9.1	11.2	*	9.1	14.9	*
Sepsis.....	1	100.0	35.7	*	100.0	48.5	*	100.0	61.7	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	5	0.0	5.5	*	0.0	10.5	*	0.0	14.2	*
Open Reduction of Hip Fracture.....	6	0.0	5.6	*	16.7	10.5	*	16.7	14.2	*
Prostatectomy.....	1	0.0	1.4	*	0.0	3.0	*	0.0	4.7	*
Cholecystectomy.....	10	0.0	11.4	*	0.0	20.5	*	10.0	26.4	*
Hysterectomy.....	1	0.0	5.4	*	0.0	11.8	*	0.0	17.0	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 30
Occupancy Rate..... 20
Ownership/Control..... Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 5
Percent of Physicians Board Certified Specialists..... 80
Medical Residents/Interns..... 0
Registered Nurses..... 9
Licensed Practical Nurses..... 0

SPECIALTY SERVICES:

Burn Unit..... No
Cardiac Intensive Care..... No
Comprehensive Geriatric..... No
Hospice Care..... No
Medical/Surgical Intensive Care..... No
Organ/Tissue Transplant..... No
Other Intensive Care..... No
Rehabilitation Unit..... No
Trauma Center..... No

** Not used in calculating hospital mortality rates.

MERRILL PIONEER COMMUNITY HOSPITAL

Medicare Provider Number: 160051

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	166	12.0	13.7	3.0	18.1	19.5	3.5	21.1	23.8	4.5
CONDITIONS:										
Acute Myocardial Infarction.....	12	33.3	35.2	*	41.7	40.1	*	41.7	44.7	*
Congestive Heart Failure.....	15	26.7	14.8	*	33.3	22.7	*	33.3	29.3	*
Pneumonia/Influenza.....	9	0.0	16.9	*	11.1	24.2	*	11.1	29.3	*
Chronic Obstructive Pulmonary Disease.....	3	0.0	13.0	*	0.0	21.5	*	33.3	27.9	*
Transient Cerebral Ischemia.....	4	0.0	2.9	*	25.0	6.4	*	25.0	10.2	*
Stroke.....	7	0.0	29.7	*	14.3	36.6	*	28.6	41.7	*
Hip Fracture.....	4	0.0	10.2	*	25.0	16.7	*	25.0	20.7	*
Sepsis.....	2	0.0	22.5	*	0.0	35.5	*	50.0	44.0	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	4	0.0	8.9	*	25.0	15.3	*	25.0	19.3	*
Prostatectomy.....	3	0.0	1.0	*	0.0	2.5	*	0.0	4.4	*
Cholecystectomy.....	6	0.0	1.6	*	0.0	2.7	*	0.0	3.4	*
Hysterectomy.....	1	0.0	6.8	*	0.0	8.8	*	0.0	10.3	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	148	14.2	11.1	3.8	16.9	17.1	3.4	20.9	21.8	3.5
CONDITIONS:										
Acute Myocardial Infarction.....	5	40.0	36.5	*	40.0	40.7	*	40.0	45.1	*
Congestive Heart Failure.....	10	50.0	23.7	*	50.0	36.6	*	50.0	45.6	*
Pneumonia/Influenza.....	3	33.3	21.4	*	33.3	29.0	*	33.3	35.4	*
Chronic Obstructive Pulmonary Disease.....	1	100.0	7.2	*	100.0	12.8	*	100.0	18.7	*
Transient Cerebral Ischemia.....	4	0.0	2.4	*	0.0	5.3	*	0.0	8.4	*
Stroke.....	11	27.3	24.2	*	27.3	31.7	*	27.3	37.1	*
Hip Fracture.....	2	0.0	8.4	*	0.0	13.8	*	50.0	17.2	*
Sepsis.....	1	0.0	25.0	*	0.0	39.6	*	0.0	47.5	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	6	0.0	1.1	*	0.0	2.4	*	0.0	3.8	*
Cholecystectomy.....	5	0.0	6.6	*	0.0	13.1	*	20.0	17.8	*
Hysterectomy.....	1	0.0	0.3	*	0.0	0.6	*	0.0	0.8	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

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Merrill Pioneer Community Hospital

Medicare Provider Number: 160051

PHONE 472-2591
ROCK RAPIDS, IOWA
51246

January 15, 1991

Health Care Financing Administration
Health Standards and Quality Bureau
Attention: Mrs. Sandra Kappert
2-D- Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Mrs. Kappert:

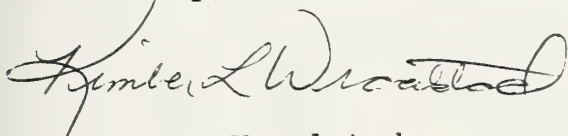
Merrill Pioneer Community Hospital continues to support HCFA's attempt to provide information with which to improve the effectiveness and quality of care provided to Medicare recipients. While this information is important for review, it must be noted that inferences regarding the quality of patient care can not be derived from this information.

The types of patients who are cared for by medical facilities can cause a variation in the expected mortality. In a facility such as Merrill Pioneer Community Hospital, it is difficult to determine statistical significance to standard deviations due to the limited sample size. As indicated in the data, the difference in the observed mortality and predicted mortality for Merrill Pioneer Community Hospital is not statistically significant and does not warrant further investigation. However, in an effort to utilize the mortality data, Merrill Pioneer Community Hospital reviews the specific cases identified in the mortality information. This will often be the second review of the case, since all deaths in the facility are reviewed.

Merrill Pioneer Community Hospital continues to strive to provide the highest possible quality patient care for all of our patients and will continue to support the efforts of HCFA in this goal.

Thank you for the opportunity to comment upon the 1989 mortality information.

Sincerely,



Kimber L. Wraalstad
Administrator

MITCHELL COUNTY MEMORIAL HOSPITAL

616 N 8th St
Osage, IA 50461

Medicare Provider Number: 160108

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	345	8.4	9.9	1.9	12.5	15.0	2.8	16.2	19.0	2.9
CONDITIONS:										
Acute Myocardial Infarction.....	12	25.0	37.8	*	25.0	41.4	*	25.0	45.5	*
Congestive Heart Failure.....	16	12.5	14.6	*	12.5	22.9	*	18.8	29.9	*
Pneumonia/Influenza.....	21	14.3	17.2	*	19.0	23.9	*	23.8	29.2	*
Chronic Obstructive Pulmonary Disease.....	2	0.0	3.9	*	0.0	7.0	*	0.0	10.1	*
Transient Cerebral Ischemia.....	4	25.0	3.0	*	25.0	7.3	*	25.0	12.2	*
Stroke.....	8	0.0	19.4	*	0.0	26.5	*	0.0	31.6	*
Hip Fracture.....	11	9.1	6.4	*	9.1	12.1	*	18.2	16.3	*
Sepsis.....	1	0.0	24.6	*	0.0	29.6	*	0.0	36.0	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	2	0.0	4.8	*	0.0	9.0	*	0.0	12.5	*
Carotid Endarterectomy.....	1	0.0	1.4	*	0.0	2.6	*	0.0	4.0	*
Hip Replacement/Reconstruction.....	5	0.0	3.8	*	0.0	7.4	*	20.0	10.1	*
Open Reduction of Hip Fracture.....	6	0.0	6.2	*	0.0	12.2	*	0.0	16.5	*
Prostatectomy.....	12	0.0	1.0	*	8.3	2.4	*	8.3	4.1	*
Cholecystectomy.....	9	22.2	6.0	*	22.2	11.2	*	22.2	14.1	*
Hysterectomy.....	5	0.0	0.3	*	0.0	0.5	*	0.0	0.8	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 40
Occupancy Rate..... 33
Ownership/Control..... Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 19
Percent of Physicians Board Certified Specialists..... 100
Medical Residents/Interns..... 0
Registered Nurses..... 20
Licensed Practical Nurses..... 6

SPECIALTY SERVICES:

Burn Unit..... No
Cardiac Intensive Care..... No
Comprehensive Geriatric..... No
Hospice Care..... No
Medical/Surgical Intensive Care..... Yes
Organ/Tissue Transplant..... No
Other Intensive Care..... No
Rehabilitation Unit..... No
Trauma Center..... No

** Not used in calculating hospital mortality rates.

MITCHELL COUNTY MEMORIAL HOSPITAL

Medicare Provider Number: 160108

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	290	13.8	10.1	2.7	17.6	14.9	2.9	21.7	18.7	3.1
CONDITIONS:										
Acute Myocardial Infarction.....	13	38.5	25.1	*	38.5	30.0	*	38.5	34.3	*
Congestive Heart Failure.....	17	23.5	13.3	*	29.4	20.7	*	29.4	27.1	*
Pneumonia/Influenza.....	12	8.3	17.3	*	16.7	24.2	*	16.7	29.4	*
Chronic Obstructive Pulmonary Disease.....	1	0.0	8.3	*	0.0	12.7	*	0.0	17.2	*
Transient Cerebral Ischemia.....	1	0.0	1.3	*	0.0	2.9	*	0.0	4.6	*
Stroke.....	19	31.6	20.6	*	31.6	26.9	*	31.6	31.5	*
Hip Fracture.....	10	10.0	8.2	*	20.0	15.0	*	30.0	19.4	*
Sepsis.....	5	20.0	22.4	*	20.0	29.3	*	20.0	35.4	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	5	0.0	5.1	*	0.0	7.4	*	0.0	9.9	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	6	0.0	5.3	*	0.0	9.9	*	16.7	12.8	*
Open Reduction of Hip Fracture.....	5	20.0	8.4	*	40.0	16.5	*	40.0	21.9	*
Prostatectomy.....	7	0.0	7.0	*	0.0	9.1	*	0.0	11.1	*
Cholecystectomy.....	7	0.0	2.1	*	0.0	3.5	*	14.3	4.5	*
Hysterectomy.....	4	0.0	0.3	*	0.0	0.5	*	0.0	0.7	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	351	11.4	9.3	2.2	20.5	14.2	3.1	24.8	18.0	3.2
CONDITIONS:										
Acute Myocardial Infarction.....	15	40.0	29.0	*	53.3	32.3	*	53.3	36.4	*
Congestive Heart Failure.....	20	15.0	14.1	*	25.0	21.5	*	30.0	28.0	*
Pneumonia/Influenza.....	13	23.1	12.9	*	46.2	17.8	*	53.8	22.1	*
Chronic Obstructive Pulmonary Disease.....	8	37.5	6.4	*	37.5	11.7	*	75.0	16.5	*
Transient Cerebral Ischemia.....	4	0.0	2.4	*	0.0	5.5	*	25.0	9.0	*
Stroke.....	16	37.5	22.8	*	50.0	30.0	*	50.0	35.5	*
Hip Fracture.....	20	15.0	5.7	*	20.0	10.3	*	20.0	13.5	*
Sepsis.....	6	0.0	21.3	*	0.0	28.9	*	33.3	35.1	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	2	0.0	12.8	*	0.0	15.9	*	0.0	18.4	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	10	20.0	5.5	*	30.0	9.6	*	30.0	12.3	*
Open Reduction of Hip Fracture.....	10	10.0	4.1	*	10.0	8.3	*	10.0	11.4	*
Prostatectomy.....	4	0.0	1.0	*	0.0	2.3	*	0.0	3.8	*
Cholecystectomy.....	13	15.4	2.9	*	23.1	5.8	*	30.8	8.0	*
Hysterectomy.....	1	0.0	0.1	*	0.0	0.2	*	0.0	0.3	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

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Mitchell County



Memorial Hospital

616 NORTH EIGHTH STREET • OSAGE, IOWA 50461 • TELEPHONE 515-732-3781

MEDICARE PROVIDER # 160108

January 9, 1991

Health Care Financing Administration
Health Standards and Quality Bureau
Attention: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Re: Medicare Hospital Mortality
Information

Dear Sirs,

The Medical Staff of the Mitchell County Memorial Hospital would like to protest the publication of mortality rates where those rates are meaningless. In particular, a 22% mortality rate is listed for cholecystectomy, based on 2 deaths among only 9 cases. There is concern that publication of rates based on such low numbers may not in any way reflect the quality of health care as the public is likely to assume.

This particular sample leaves out many other cases of cholecystectomy done at this institution. The 2 deaths were attributable to rupture of an abdominal aortic aneurysm in one 95 year old man 1 week after gallbladder surgery, and death from myocardial infarction in a 71 year old man who developed gangrene of the gallbladder from cardiogenic shock. The report gives no indication of the particulars of the cases involved, nor does it indicate the type of population treated, including successful cases in 98 and 97 year old people during this time.

We therefore request that meaningless statistics based on such small numbers of patients and incomplete sampling be stricken from the record, and publication be confined to those patient groups large enough to have statistical validity.

On behalf of the Medical Staff

William S. Karkow, M.D.
Vice President

mtf

MONROE COUNTY HOSPITAL

Avery Rd Box G-310
Albia, IA 52531

Medicare Provider Number: 160077

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	251	11.6	9.5	2.8	15.9	14.4	2.5	18.3	18.2	2.5
CONDITIONS:										
Acute Myocardial Infarction.....	7	57.1	31.2	*	57.1	36.1	*	57.1	40.5	*
Congestive Heart Failure.....	15	20.0	18.2	*	26.7	28.9	*	26.7	37.3	*
Pneumonia/Influenza.....	25	24.0	19.3	*	28.0	26.4	*	36.0	31.6	*
Chronic Obstructive Pulmonary Disease.....	9	0.0	8.1	*	0.0	13.3	*	0.0	17.3	*
Transient Cerebral Ischemia.....	2	0.0	1.6	*	0.0	3.4	*	0.0	5.4	*
Stroke.....	5	60.0	16.3	*	60.0	21.8	*	60.0	26.1	*
Hip Fracture.....	6	0.0	7.8	*	16.7	14.6	*	33.3	19.0	*
Sepsis.....	1	0.0	18.8	*	0.0	23.6	*	0.0	28.0	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	1	0.0	10.5	*	100.0	20.0	*	100.0	25.8	*
Open Reduction of Hip Fracture.....	3	0.0	7.5	*	0.0	14.8	*	33.3	19.6	*
Prostatectomy.....	7	0.0	0.4	*	0.0	0.9	*	0.0	1.5	*
Cholecystectomy.....	2	0.0	1.1	*	0.0	1.6	*	50.0	2.2	*
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 46
Occupancy Rate..... 61
Ownership/Control..... Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 6
Percent of Physicians Board Certified Specialists..... (Not Available)
Medical Residents/Interns..... 0
Registered Nurses..... 20
Licensed Practical Nurses..... 12

SPECIALTY SERVICES:

Burn Unit..... No
Cardiac Intensive Care..... No
Comprehensive Geriatric..... No
Hospice Care..... No
Medical/Surgical Intensive Care..... No
Organ/Tissue Transplant..... No
Other Intensive Care..... No
Rehabilitation Unit..... No
Trauma Center..... No

** Not used in calculating hospital mortality rates.

MONROE COUNTY HOSPITAL

Medicare Provider Number: 160077

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	225	9.3	10.8	2.7	12.9	15.9	3.8	17.3	20.1	3.9
CONDITIONS:										
Acute Myocardial Infarction.....	8	12.5	27.5	*	12.5	31.9	*	12.5	36.4	*
Congestive Heart Failure.....	4	50.0	18.3	*	50.0	27.7	*	50.0	35.3	*
Pneumonia/Influenza.....	20	10.0	17.9	*	20.0	24.1	*	30.0	28.9	*
Chronic Obstructive Pulmonary Disease.....	5	20.0	7.1	*	20.0	13.6	*	20.0	19.1	*
Transient Cerebral Ischemia.....	3	0.0	1.3	*	0.0	2.7	*	0.0	4.1	*
Stroke.....	10	20.0	25.0	*	30.0	31.9	*	30.0	37.0	*
Hip Fracture.....	5	20.0	5.9	*	20.0	10.8	*	20.0	14.0	*
Sepsis.....	5	20.0	37.6	*	40.0	47.8	*	40.0	55.8	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	3	33.3	4.0	*	33.3	8.2	*	33.3	11.2	*
Open Reduction of Hip Fracture.....	2	0.0	3.3	*	0.0	6.4	*	0.0	8.7	*
Prostatectomy.....	4	0.0	0.4	*	0.0	0.8	*	0.0	1.3	*
Cholecystectomy.....	8	0.0	4.1	*	12.5	8.4	*	12.5	11.7	*
Hysterectomy.....	1	0.0	0.1	*	0.0	0.1	*	0.0	0.2	*

*The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	236	10.6	9.0	2.6	17.4	13.8	3.2	20.8	17.7	3.4
CONDITIONS:										
Acute Myocardial Infarction.....	7	42.9	23.1	*	42.9	27.3	*	57.1	31.7	*
Congestive Heart Failure.....	8	12.5	17.0	*	25.0	26.5	*	37.5	34.6	*
Pneumonia/Influenza.....	19	31.6	17.6	*	36.8	24.5	*	42.1	30.0	*
Chronic Obstructive Pulmonary Disease.....	2	0.0	9.2	*	50.0	14.3	*	50.0	17.8	*
Transient Cerebral Ischemia.....	1	0.0	4.5	*	0.0	10.6	*	0.0	15.9	*
Stroke.....	8	12.5	22.4	*	37.5	29.3	*	37.5	34.7	*
Hip Fracture.....	5	0.0	4.2	*	0.0	7.8	*	0.0	10.2	*
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	2	0.0	2.1	*	0.0	4.4	*	0.0	6.1	*
Open Reduction of Hip Fracture.....	3	0.0	4.7	*	0.0	9.0	*	0.0	11.9	*
Prostatectomy.....	6	0.0	1.0	*	0.0	2.3	*	0.0	3.8	*
Cholecystectomy.....	7	0.0	2.8	*	0.0	5.5	*	0.0	7.8	*
Hysterectomy.....	1	0.0	0.5	*	0.0	1.2	*	0.0	2.0	*

*The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

MONTGOMERY COUNTY MEMORIAL HOSPITAL

1201 Highland Ave
Red Oak, IA 51566

Medicare Provider Number: 160090

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	612	8.2	8.5	1.4	12.9	12.9	2.0	15.8	16.7	2.0
CONDITIONS:										
Acute Myocardial Infarction.....	20	30.0	31.7	*	45.0	34.8	*	50.0	38.4	*
Congestive Heart Failure.....	26	3.8	13.5	*	19.2	21.1	*	26.9	27.5	*
Pneumonia/Influenza.....	36	11.1	15.1	*	13.9	20.8	*	19.4	25.4	*
Chronic Obstructive Pulmonary Disease.....	19	0.0	5.1	*	5.3	9.7	*	10.5	14.1	*
Transient Cerebral Ischemia.....	17	5.9	2.1	*	5.9	5.0	*	5.9	8.2	*
Stroke.....	30	13.3	18.5	*	23.3	25.0	*	30.0	29.7	*
Hip Fracture.....	20	5.0	5.0	*	20.0	9.3	*	20.0	12.5	*
Sepsis.....	16	37.5	26.5	*	37.5	33.4	*	43.8	39.2	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	2	0.0	2.3	*	0.0	5.9	*	0.0	9.9	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	7	0.0	4.3	*	14.3	8.9	*	14.3	12.4	*
Open Reduction of Hip Fracture.....	6	16.7	4.7	*	33.3	9.1	*	33.3	12.2	*
Prostatectomy.....	17	5.9	2.5	*	5.9	4.4	*	11.8	6.7	*
Cholecystectomy.....	9	0.0	3.6	*	11.1	7.2	*	11.1	9.8	*
Hysterectomy.....	4	0.0	1.1	*	0.0	2.3	*	0.0	3.1	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 49
Occupancy Rate..... 53
Ownership/Control..... Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 10
Percent of Physicians Board Certified Specialists..... 100
Medical Residents/Interns..... 0
Registered Nurses..... 33
Licensed Practical Nurses..... 15

SPECIALTY SERVICES:

Burn Unit..... No
Cardiac Intensive Care..... No
Comprehensive Geriatric..... No
Hospice Care..... No
Medical/Surgical Intensive Care..... No
Organ/Tissue Transplant..... No
Other Intensive Care..... No
Rehabilitation Unit..... No
Trauma Center..... No

** Not used in calculating hospital mortality rates.

MONTGOMERY COUNTY MEMORIAL HOSPITAL

Medicare Provider Number: 160090

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	587	6.8	8.0	1.5	12.4	12.3	2.2	15.3	15.9	2.0
CONDITIONS:										
Acute Myocardial Infarction.....	12	33.3	31.3	*	41.7	34.3	*	41.7	38.1	*
Congestive Heart Failure.....	23	4.3	16.8	■	17.4	26.2	■	30.4	33.5	*
Pneumonia/Influenza.....	45	20.0	17.9	*	28.9	24.4	■	28.9	29.4	*
Chronic Obstructive Pulmonary Disease.....	25	16.0	5.2	*	28.0	10.3	■	32.0	15.0	*
Transient Cerebral Ischemia.....	7	0.0	1.7	*	0.0	3.5	*	0.0	5.5	■
Stroke.....	21	19.0	19.0	■	23.8	24.9	*	23.8	29.4	*
Hip Fracture.....	15	6.7	8.6	■	13.3	15.9	■	13.3	20.4	*
Sepsis.....	11	27.3	25.4	■	27.3	33.1	*	36.4	38.8	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	5	0.0	4.3	*	0.0	8.6	*	0.0	11.5	■
Open Reduction of Hip Fracture.....	9	11.1	9.5	■	22.2	18.3	*	22.2	23.8	*
Prostatectomy.....	19	0.0	1.1	■	0.0	2.7	*	0.0	4.5	*
Cholecystectomy.....	6	0.0	2.3	*	0.0	4.8	*	0.0	7.1	*
Hysterectomy.....	1	0.0	0.2	*	0.0	0.4	■	0.0	0.7	■

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	638	8.8	8.6	1.1	13.2	13.0	1.6	15.7	16.6	2.4
CONDITIONS:										
Acute Myocardial Infarction.....	24	37.5	28.1	■	37.5	30.8	*	37.5	33.8	■
Congestive Heart Failure.....	26	11.5	16.9	■	19.2	25.4	*	30.8	32.2	■
Pneumonia/Influenza.....	40	15.0	16.0	■	20.0	22.0	■	22.5	26.8	■
Chronic Obstructive Pulmonary Disease.....	15	6.7	6.7	*	13.3	12.4	*	26.7	17.3	*
Transient Cerebral Ischemia.....	15	0.0	2.3	*	0.0	4.9	*	0.0	7.8	*
Stroke.....	23	13.0	17.4	*	13.0	23.5	*	13.0	28.1	*
Hip Fracture.....	16	6.3	7.2	*	18.8	13.5	*	18.8	17.6	■
Sepsis.....	18	16.7	26.6	■	38.9	35.3	*	38.9	41.4	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	5	20.0	5.2	*	20.0	10.9	■	20.0	15.0	*
Open Reduction of Hip Fracture.....	10	0.0	6.7	*	20.0	12.9	■	20.0	16.9	*
Prostatectomy.....	17	0.0	2.6	*	5.9	6.5	■	5.9	11.0	*
Cholecystectomy.....	19	5.3	3.5	*	5.3	6.8	*	10.5	9.3	*
Hysterectomy.....	8	0.0	1.5	*	0.0	3.3	*	0.0	5.0	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

MUNICIPAL HOSPITAL

17th & Wells
Clarinda, IA 51632

Medicare Provider Number: 160043

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	205	13.7	9.3	2.9	22.0	13.7	4.4	24.9	17.7	4.1
CONDITIONS:										
Acute Myocardial Infarction.....	8	25.0	42.5	*	37.5	47.7	*	37.5	53.1	*
Congestive Heart Failure.....	8	12.5	12.6	*	12.5	19.7	*	12.5	26.1	*
Pneumonia/Influenza.....	16	12.5	12.2	*	37.5	16.8	*	37.5	20.9	*
Chronic Obstructive Pulmonary Disease.....	8	12.5	8.2	*	12.5	15.0	*	25.0	21.0	*
Transient Cerebral Ischemia.....	6	0.0	2.1	*	0.0	4.8	*	0.0	7.8	*
Stroke.....	6	50.0	14.7	*	50.0	20.4	*	50.0	24.7	*
Hip Fracture.....	11	0.0	5.6	*	9.1	10.5	*	18.2	14.3	*
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	5	0.0	5.2	*	20.0	10.3	*	20.0	14.3	*
Open Reduction of Hip Fracture.....	3	0.0	4.0	*	0.0	7.7	*	33.3	10.6	*
Prostatectomy.....	0									
Cholecystectomy.....	7	0.0	1.3	*	0.0	2.2	*	0.0	2.9	*
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 31
Occupancy Rate..... 29
Ownership/Control..... Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 29
Percent of Physicians Board Certified Specialists..... 72
Medical Residents/Interns..... 0
Registered Nurses..... 17
Licensed Practical Nurses..... 15

SPECIALTY SERVICES:

Burn Unit..... No
Cardiac Intensive Care..... No
Comprehensive Geriatric..... No
Hospice Care..... No
Medical/Surgical Intensive Care..... No
Organ/Tissue Transplant..... No
Other Intensive Care..... No
Rehabilitation Unit..... No
Trauma Center..... No

** Not used in calculating hospital mortality rates.

MUNICIPAL HOSPITAL
Medicare Provider Number: 160043

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	247	15.0	10.9	2.9	21.5	15.2	3.3	24.7	18.8	3.3
CONDITIONS:										
Acute Myocardial Infarction.....	9	66.7	43.2	*	66.7	46.8	*	66.7	51.2	*
Congestive Heart Failure.....	10	50.0	21.8	*	70.0	31.7	*	70.0	38.8	*
Pneumonia/Influenza.....	16	18.8	18.5	*	18.8	25.2	*	25.0	30.3	*
Chronic Obstructive Pulmonary Disease.....	8	0.0	8.2	*	12.5	12.7	*	12.5	17.2	*
Transient Cerebral Ischemia.....	2	0.0	1.3	*	0.0	2.9	*	0.0	4.5	*
Stroke.....	11	18.2	20.4	*	36.4	26.7	*	36.4	31.6	*
Hip Fracture.....	5	20.0	5.8	*	40.0	10.4	*	40.0	14.0	*
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	1	0.0	4.4	*	0.0	7.9	*	0.0	10.6	*
Open Reduction of Hip Fracture.....	3	33.3	5.9	*	66.7	11.2	*	66.7	15.3	*
Prostatectomy.....	0									
Cholecystectomy.....	3	0.0	1.8	*	0.0	3.9	*	0.0	5.9	*
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	281	13.5	11.5	2.9	20.3	16.1	4.1	23.8	20.1	4.4
CONDITIONS:										
Acute Myocardial Infarction.....	19	15.8	29.0	*	21.1	33.1	*	26.3	37.4	*
Congestive Heart Failure.....	6	16.7	18.8	*	16.7	25.9	*	16.7	32.5	*
Pneumonia/Influenza.....	13	23.1	14.5	*	38.5	20.3	*	38.5	25.3	*
Chronic Obstructive Pulmonary Disease.....	6	33.3	11.8	*	33.3	18.3	*	33.3	24.3	*
Transient Cerebral Ischemia.....	8	0.0	1.8	*	0.0	4.2	*	0.0	6.7	*
Stroke.....	18	38.9	19.6	*	55.6	26.8	*	55.6	31.6	*
Hip Fracture.....	9	0.0	11.1	*	0.0	18.3	*	11.1	22.7	*
Sepsis.....	1	0.0	18.5	*	0.0	22.6	*	0.0	27.6	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	3	0.0	6.4	*	0.0	11.2	*	33.3	14.6	*
Open Reduction of Hip Fracture.....	3	0.0	6.0	*	0.0	11.2	*	0.0	14.5	*
Prostatectomy.....	2	0.0	0.8	*	0.0	1.7	*	0.0	2.6	*
Cholecystectomy.....	13	0.0	3.0	*	0.0	5.4	*	0.0	7.0	*
Hysterectomy.....	2	0.0	2.0	*	0.0	4.5	*	0.0	6.5	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

MUSCATINE GENERAL HOSPITAL

1518 Mulberry Ave
Muscatine, IA 52761

Medicare Provider Number: 160013

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	660	9.4	10.2	1.5	13.8	14.4	1.5	17.0	18.0	1.9
CONDITIONS:										
Acute Myocardial Infarction.....	34	23.5	33.9	*	35.3	37.2	*	41.2	41.1	*
Congestive Heart Failure.....	35	14.3	13.8	*	25.7	21.2	*	34.3	27.8	*
Pneumonia/Influenza.....	54	11.1	14.1	6.0	14.8	19.1	6.9	18.5	23.3	9.2
Chronic Obstructive Pulmonary Disease.....	4	0.0	7.6	*	0.0	12.9	*	0.0	17.7	*
Transient Cerebral Ischemia.....	15	0.0	1.9	*	0.0	4.2	*	0.0	6.7	*
Stroke.....	35	25.7	21.9	*	28.6	27.7	*	31.4	32.2	*
Hip Fracture.....	24	4.2	7.2	*	16.7	12.7	*	16.7	16.5	*
Sepsis.....	7	28.6	22.5	*	28.6	30.5	*	28.6	36.6	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	5	0.0	1.7	*	0.0	3.3	*	0.0	5.1	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	8	12.5	6.0	*	12.5	12.0	*	12.5	16.8	*
Open Reduction of Hip Fracture.....	18	5.6	5.9	*	22.2	11.1	*	22.2	14.7	*
Prostatectomy.....	0									
Cholecystectomy.....	18	0.0	2.9	*	0.0	4.7	*	0.0	5.6	*
Hysterectomy.....	4	0.0	2.4	*	0.0	4.8	*	0.0	7.1	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 80
Occupancy Rate..... 49
Ownership/Control..... Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 29
Percent of Physicians Board Certified Specialists..... (Not Available)
Medical Residents/Interns..... 0
Registered Nurses..... 64
Licensed Practical Nurses..... 8

SPECIALTY SERVICES:

Burn Unit..... No
Cardiac Intensive Care..... No
Comprehensive Geriatric..... Yes
Hospice Care..... Yes
Medical/Surgical Intensive Care..... Yes
Organ/Tissue Transplant..... No
Other Intensive Care..... No
Rehabilitation Unit..... No
Trauma Center..... No

** Not used in calculating hospital mortality rates.

MUSCATINE GENERAL HOSPITAL

Medicare Provider Number: 160013

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	680	8.8	9.9	1.4	12.9	14.4	2.0	14.9	18.0	2.7
CONDITIONS:										
Acute Myocardial Infarction.....	38	10.5	29.4	*	21.1	32.5	*	23.7	36.4	*
Congestive Heart Failure.....	35	11.4	16.2	*	17.1	24.0	*	20.0	30.5	*
Pneumonia/Influenza.....	38	18.4	17.5	*	26.3	23.7	*	26.3	28.4	*
Chronic Obstructive Pulmonary Disease.....	6	33.3	15.2	*	33.3	22.1	*	33.3	27.6	*
Transient Cerebral Ischemia.....	30	0.0	2.2	*	3.3	5.0	*	3.3	8.0	*
Stroke.....	25	16.0	22.0	*	20.0	28.1	*	20.0	33.0	*
Hip Fracture.....	29	3.4	6.7	*	10.3	12.4	*	10.3	16.3	*
Sepsis.....	12	50.0	21.8	*	50.0	27.2	*	50.0	32.2	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	5	0.0	1.8	*	0.0	3.7	*	0.0	5.8	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	15	0.0	4.7	*	13.3	9.2	*	13.3	12.3	*
Open Reduction of Hip Fracture.....	11	9.1	4.7	*	9.1	8.8	*	9.1	11.7	*
Prostatectomy.....	14	0.0	1.5	*	0.0	3.9	*	0.0	6.7	*
Cholecystectomy.....	18	0.0	2.5	*	0.0	4.4	*	0.0	5.6	*
Hysterectomy.....	4	0.0	0.4	*	0.0	0.7	*	0.0	1.0	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	675	11.4	10.9	1.3	15.7	15.6	1.4	20.3	19.5	1.7
CONDITIONS:										
Acute Myocardial Infarction.....	50	40.0	35.9	*	44.0	39.7	*	46.0	43.8	*
Congestive Heart Failure.....	30	10.0	14.5	*	20.0	21.3	*	30.0	27.4	*
Pneumonia/Influenza.....	35	34.3	21.3	*	37.1	29.0	*	45.7	34.6	*
Chronic Obstructive Pulmonary Disease.....	12	8.3	11.8	*	16.7	19.4	*	33.3	25.9	*
Transient Cerebral Ischemia.....	19	0.0	1.6	*	0.0	3.4	*	5.3	5.4	*
Stroke.....	31	9.7	24.6	*	12.9	31.5	*	16.1	36.6	*
Hip Fracture.....	39	15.4	6.1	*	23.1	11.2	*	28.2	14.9	*
Sepsis.....	13	23.1	24.3	*	30.8	32.6	*	30.8	38.8	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	3	0.0	2.0	*	0.0	4.0	*	0.0	6.0	*
Carotid Endarterectomy.....	5	0.0	1.5	*	0.0	2.8	*	0.0	4.2	*
Hip Replacement/Reconstruction.....	13	7.7	4.6	*	7.7	8.5	*	23.1	11.3	*
Open Reduction of Hip Fracture.....	21	14.3	4.7	*	19.0	9.4	*	19.0	12.9	*
Prostatectomy.....	24	4.2	1.3	*	8.3	3.1	*	8.3	5.2	*
Cholecystectomy.....	27	0.0	3.6	*	0.0	5.7	*	7.4	6.9	*
Hysterectomy.....	6	0.0	0.9	*	0.0	1.6	*	0.0	2.2	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

NORTH IOWA MEDICAL CENTER

901 N Eisenhower Ave
Mason City, IA 50401

Medicare Provider Number: 160059

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	1,013	6.4	5.5	1.0	9.9	9.0	1.1	12.8	12.1	1.3
CONDITIONS:										
Acute Myocardial Infarction.....	36	22.2	24.1	*	33.3	27.2	*	33.3	30.3	*
Congestive Heart Failure.....	41	7.3	12.8	*	7.3	21.3	*	24.4	28.0	*
Pneumonia/Influenza.....	29	6.9	12.0	*	10.3	17.3	*	24.1	21.2	*
Chronic Obstructive Pulmonary Disease.....	6	16.7	5.3	*	16.7	8.4	*	16.7	11.1	*
Transient Cerebral Ischemia.....	10	0.0	1.3	*	0.0	2.7	*	0.0	4.3	*
Stroke.....	24	25.0	17.4	*	41.7	25.0	*	41.7	29.5	*
Hip Fracture.....	42	4.8	2.8	*	4.8	5.6	*	4.8	7.7	*
Sepsis.....	8	0.0	20.9	*	0.0	28.6	*	12.5	34.6	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	6	0.0	1.7	*	0.0	3.8	*	0.0	6.2	*
Carotid Endarterectomy.....	5	0.0	1.2	*	0.0	2.1	*	0.0	3.1	*
Hip Replacement/Reconstruction.....	33	3.0	1.3	*	3.0	2.7	*	3.0	4.0	*
Open Reduction of Hip Fracture.....	27	3.7	2.7	*	3.7	5.5	*	3.7	7.6	*
Prostatectomy.....	73	0.0	0.8	1.2	0.0	1.9	2.3	2.7	3.2	2.1
Cholecystectomy.....	32	0.0	2.5	*	6.3	4.8	*	9.4	6.5	*
Hysterectomy.....	5	0.0	0.6	*	0.0	1.4	*	0.0	2.2	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 75
Occupancy Rate..... 75
Ownership/Control..... Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 48
Percent of Physicians Board Certified Specialists..... 92
Medical Residents/Interns..... 0
Registered Nurses..... 60
Licensed Practical Nurses..... 19

SPECIALTY SERVICES:

Burn Unit..... No
Cardiac Intensive Care..... No
Comprehensive Geriatric..... No
Hospice Care..... No
Medical/Surgical Intensive Care..... Yes
Organ/Tissue Transplant..... No
Other Intensive Care..... No
Rehabilitation Unit..... No
Trauma Center..... No

** Not used in calculating hospital mortality rates.

NORTH IOWA MEDICAL CENTER

Medicare Provider Number: 160059

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	1,026	5.3	5.6	0.9	10.1	9.4	1.1	13.4	12.6	1.4
CONDITIONS:										
Acute Myocardial Infarction.....	25	24.0	24.3	*	24.0	27.8	*	32.0	31.4	*
Congestive Heart Failure.....	40	10.0	13.2	*	17.5	20.6	*	22.5	27.0	*
Pneumonia/Influenza.....	31	19.4	15.4	*	29.0	22.0	*	41.9	27.3	*
Chronic Obstructive Pulmonary Disease.....	5	0.0	6.5	*	40.0	12.6	*	40.0	17.7	*
Transient Cerebral Ischemia.....	15	0.0	1.4	*	6.7	3.2	*	6.7	5.0	*
Stroke.....	25	28.0	18.0	*	32.0	24.7	*	32.0	29.6	*
Hip Fracture.....	33	0.0	3.6	*	9.1	7.1	*	9.1	9.6	*
Sepsis.....	16	12.5	16.8	*	18.8	25.6	*	25.0	32.3	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	11	0.0	2.7	*	0.0	5.4	*	0.0	7.8	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	31	0.0	1.2	*	3.2	2.3	*	3.2	3.1	*
Open Reduction of Hip Fracture.....	22	0.0	3.3	*	9.1	6.9	*	9.1	9.6	*
Prostatectomy.....	67	0.0	1.3	2.0	1.5	2.5	2.2	3.0	3.8	2.6
Cholecystectomy.....	30	3.3	1.6	*	3.3	3.1	*	10.0	4.2	*
Hysterectomy.....	10	0.0	2.0	*	0.0	4.0	*	10.0	6.1	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	1,108	5.1	5.5	0.7	7.9	8.8	1.0	10.6	11.7	1.1
CONDITIONS:										
Acute Myocardial Infarction.....	35	25.7	24.3	*	31.4	28.0	*	37.1	31.6	*
Congestive Heart Failure.....	42	7.1	15.7	*	11.9	24.3	*	19.0	31.4	*
Pneumonia/Influenza.....	22	4.5	14.9	*	9.1	20.4	*	9.1	24.8	*
Chronic Obstructive Pulmonary Disease.....	13	0.0	6.0	*	15.4	10.8	*	23.1	14.8	*
Transient Cerebral Ischemia.....	13	0.0	1.3	*	0.0	2.8	*	7.7	4.4	*
Stroke.....	29	13.8	17.8	*	17.2	24.1	*	20.7	28.5	*
Hip Fracture.....	36	5.6	3.6	*	8.3	6.9	*	8.3	9.4	*
Sepsis.....	9	0.0	19.1	*	0.0	26.9	*	11.1	33.4	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	9	11.1	4.9	*	11.1	9.2	*	11.1	12.7	*
Carotid Endarterectomy.....	2	0.0	1.4	*	0.0	2.4	*	0.0	3.5	*
Hip Replacement/Reconstruction.....	26	0.0	1.4	*	0.0	2.6	*	0.0	3.6	*
Open Reduction of Hip Fracture.....	28	7.1	3.1	*	10.7	6.3	*	10.7	8.8	*
Prostatectomy.....	92	0.0	0.8	1.3	0.0	1.9	2.6	2.2	3.3	2.5
Cholecystectomy.....	32	0.0	1.5	*	0.0	2.6	*	0.0	3.5	*
Hysterectomy.....	17	0.0	0.6	*	0.0	1.3	*	0.0	2.1	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

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#160059

NORTH IOWA MEDICAL CENTER
910 NORTH EISENHOWER AVENUE
MASON CITY, IOWA 50401

Mortality review is a valuable part of quality assurance activities and accompanying statistical data is essential to evaluate results of ongoing monitoring. However, the essence or reliability of your review and statistical data lie with quality peer review of each individual case. One case in a small random sample size can skew percentages negatively in a significant manner, yet not allow calculation of a standard deviation value which would show random variation and not likely be meaningful nor significant.

Therefore, it is essential when interpreting data to determine quality of care to bear in mind that statistical data is valuable as a trending tool or threshold to trigger intensive evaluation, but quality peer review is the "bottom line" in determining appropriateness of care.

Dennis E. Headlee, President
North Iowa Medical Center

January 11, 1991

Date

MS/ek
1/10/91
QUALCARE

NORTHWEST IOWA HEALTH CENTER

118 N 7th St
Sheldon, IA 51201

Medicare Provider Number: 160126

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	205	8.8	8.8	2.0	14.6	12.8	2.6	19.0	15.9	2.9
CONDITIONS:										
Acute Myocardial Infarction.....	15	33.3	28.4	*	60.0	32.3	*	60.0	36.1	*
Congestive Heart Failure.....	5	20.0	11.0	*	20.0	18.6	*	40.0	24.8	*
Pneumonia/Influenza.....	21	9.5	12.2	*	9.5	18.6	*	14.3	23.2	*
Chronic Obstructive Pulmonary Disease.....	3	0.0	3.0	*	33.3	6.1	*	66.7	9.0	*
Transient Cerebral Ischemia.....	2	0.0	0.7	*	0.0	1.4	*	0.0	2.3	*
Stroke.....	7	14.3	21.1	*	28.6	29.0	*	28.6	34.0	*
Hip Fracture.....	6	0.0	5.7	*	0.0	10.6	*	0.0	14.1	*
Sepsis.....	3	0.0	23.2	*	0.0	31.2	*	33.3	36.9	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	4	0.0	5.4	*	0.0	10.5	*	0.0	14.3	*
Prostatectomy.....	2	0.0	0.6	*	0.0	1.5	*	0.0	2.6	*
Cholecystectomy.....	5	0.0	2.7	*	0.0	4.1	*	0.0	4.8	*
Hysterectomy.....	10	0.0	0.9	*	0.0	2.2	*	0.0	3.4	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 78
Occupancy Rate..... 81
Ownership/Control..... Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 4
Percent of Physicians Board Certified Specialists..... 75
Medical Residents/Interns..... 0
Registered Nurses..... 12
Licensed Practical Nurses..... 10

SPECIALTY SERVICES:

Burn Unit..... No
Cardiac Intensive Care..... No
Comprehensive Geriatric..... No
Hospice Care..... No
Medical/Surgical Intensive Care..... Yes
Organ/Tissue Transplant..... No
Other Intensive Care..... No
Rehabilitation Unit..... No
Trauma Center..... No

** Not used in calculating hospital mortality rates.

NORTHWEST IOWA HEALTH CENTER

Medicare Provider Number: 160126

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	176	7.4	8.2	2.7	12.5	12.2	4.3	14.2	15.4	3.3
CONDITIONS:										
Acute Myocardial Infarction.....	7	0.0	29.2	*	0.0	32.9	*	0.0	36.4	*
Congestive Heart Failure.....	9	11.1	12.4	*	22.2	19.7	*	22.2	26.1	*
Pneumonia/Influenza.....	12	0.0	14.5	*	8.3	20.4	*	8.3	24.4	*
Chronic Obstructive Pulmonary Disease.....	0									
Transient Cerebral Ischemia.....	6	0.0	2.6	*	0.0	6.1	*	0.0	10.0	*
Stroke.....	12	16.7	15.2	*	16.7	21.2	*	16.7	25.5	*
Hip Fracture.....	2	0.0	9.4	*	50.0	16.9	*	50.0	21.9	*
Sepsis.....	2	0.0	16.6	*	0.0	24.3	*	50.0	29.9	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	1	0.0	5.5	*	0.0	9.4	*	0.0	11.8	*
Prostatectomy.....	1	0.0	0.6	*	0.0	1.4	*	0.0	2.5	*
Cholecystectomy.....	3	0.0	1.1	*	0.0	1.9	*	0.0	2.5	*
Hysterectomy.....	5	0.0	0.9	*	0.0	2.1	*	0.0	3.4	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	176	15.9	8.3	3.4	19.3	12.3	3.6	21.6	15.7	3.7
CONDITIONS:										
Acute Myocardial Infarction.....	12	58.3	28.8	*	58.3	32.6	*	58.3	36.0	*
Congestive Heart Failure.....	13	46.2	14.9	*	46.2	24.0	*	46.2	31.2	*
Pneumonia/Influenza.....	10	10.0	14.2	*	10.0	19.9	*	20.0	24.8	*
Chronic Obstructive Pulmonary Disease.....	3	100.0	6.8	*	100.0	11.4	*	100.0	15.0	*
Transient Cerebral Ischemia.....	2	0.0	1.4	*	0.0	2.9	*	0.0	4.5	*
Stroke.....	9	11.1	20.3	*	22.2	26.7	*	33.3	31.5	*
Hip Fracture.....	1	100.0	17.2	*	100.0	29.2	*	100.0	35.8	*
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	5	0.0	0.5	*	0.0	1.2	*	0.0	2.0	*
Cholecystectomy.....	8	0.0	1.2	*	0.0	2.3	*	0.0	3.3	*
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

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January 14, 1991

Ms. Sandra Kappert
Department of Health and Human Services
Health Care Financing Administration
6325 Security Boulevard
Baltimore, MD 21207

Dear Ms. Kappert

I wish to make the following comments on the
Medicare Analysis of Hospital Mortality Rates:
1990:

The biggest problem with our rates is the
small sample size. This is pointed out by the
fact that in each category the standard
deviation could not be estimated due to small
sample size.

All information was ours. We have 25 cases
where we disagree with the diagnosis that was
used in the report [REDACTED] An
example is [REDACTED] which indicated
the cause of death was pneumonia while we
believe it was malignant neoplasm of the lung.

This report should take into consideration the
public we service. We are a small rural
facility that serves an elderly population.
Please remember Iowans live a long time.

We have a 70-bed long-term care unit attached
which increases our elderly load and increases
our intensity of care.

We hope you take these items under advisement.
Thank you.

Sincerely,



Charles R. Miller
Administrator

Enclosure

CRM/mke



8 North 7th Avenue
Heldon, Iowa 51201

Hospital
(712) 324-5041
Oak Park Care Center
(712) 324-5123

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January 14, 1991

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6325 Security Boulevard
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Charles R. Miller
Administrator

Enclosure

CRM/mke



118 North 7th Avenue
Sheldon, Iowa 51201

Hospital
(712) 324-5041
Oak Park Care Center
(712) 324-5123

ORANGE CITY MUNICIPAL HOSPITAL

115 4th St NW
Orange City, IA 51041

Medicare Provider Number: 160074

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	213	5.2	9.2	2.6	8.0	13.9	3.3	11.3	17.8	3.6
CONDITIONS:										
Acute Myocardial Infarction.....	8	25.0	41.1	*	37.5	44.9	*	37.5	50.0	*
Congestive Heart Failure.....	9	0.0	13.0	*	0.0	20.9	*	0.0	27.6	*
Pneumonia/Influenza.....	16	12.5	16.6	*	18.8	23.1	*	25.0	28.3	*
Chronic Obstructive Pulmonary Disease.....	3	0.0	6.7	*	0.0	13.7	*	0.0	19.4	*
Transient Cerebral Ischemia.....	1	0.0	1.2	*	0.0	2.7	*	0.0	4.3	*
Stroke.....	6	0.0	21.1	*	16.7	27.0	*	16.7	31.6	*
Hip Fracture.....	0									
Sepsis.....	3	66.7	42.1	*	66.7	47.9	*	66.7	54.7	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	1	0.0	0.9	*	0.0	2.3	*	0.0	3.8	*
Cholecystectomy.....	7	0.0	1.6	*	0.0	2.8	*	14.3	3.5	*
Hysterectomy.....	1	0.0	0.9	*	0.0	1.7	*	0.0	2.1	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 43
Occupancy Rate..... 72
Ownership/Control..... Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 7
Percent of Physicians Board Certified Specialists..... 100
Medical Residents/Interns..... 0
Registered Nurses..... 20
Licensed Practical Nurses..... 8

SPECIALTY SERVICES:

Burn Unit..... No
Cardiac Intensive Care..... No
Comprehensive Geriatric..... No
Hospice Care..... No
Medical/Surgical Intensive Care..... Yes
Organ/Tissue Transplant..... No
Other Intensive Care..... No
Rehabilitation Unit..... No
Trauma Center..... No

** Not used in calculating hospital mortality rates.

ORANGE CITY MUNICIPAL HOSPITAL

Medicare Provider Number: 160074

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	227	10.1	10.4	2.1	15.0	15.8	2.7	17.6	20.2	3.7
CONDITIONS:										
Acute Myocardial Infarction.....	6	33.3	27.0	*	33.3	30.4	*	33.3	34.9	*
Congestive Heart Failure.....	19	10.5	18.6	*	21.1	28.4	*	31.6	36.0	*
Pneumonia/Influenza.....	14	7.1	16.2	*	7.1	21.6	*	14.3	25.9	*
Chronic Obstructive Pulmonary Disease.....	2	0.0	9.6	*	0.0	17.5	*	50.0	25.3	*
Transient Cerebral Ischemia.....	1	0.0	2.6	*	0.0	6.3	*	0.0	10.3	*
Stroke.....	8	50.0	20.7	*	62.5	26.9	*	62.5	31.7	*
Hip Fracture.....	2	0.0	10.8	*	50.0	19.3	*	50.0	24.5	*
Sepsis.....	2	0.0	40.1	*	0.0	46.0	*	0.0	52.2	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	2	0.0	1.5	*	0.0	3.4	*	0.0	5.2	*
Cholecystectomy.....	9	0.0	1.5	*	0.0	2.7	*	0.0	3.6	*
Hysterectomy.....	1	0.0	2.3	*	0.0	4.5	*	0.0	6.5	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	217	5.5	9.5	2.7	10.6	13.7	3.6	12.9	17.4	3.2
CONDITIONS:										
Acute Myocardial Infarction.....	6	0.0	36.9	*	0.0	40.2	*	0.0	44.8	*
Congestive Heart Failure.....	15	13.3	15.0	*	13.3	22.7	*	20.0	29.5	*
Pneumonia/Influenza.....	13	7.7	18.1	*	15.4	24.6	*	23.1	29.6	*
Chronic Obstructive Pulmonary Disease.....	2	0.0	9.4	*	0.0	14.2	*	0.0	18.9	*
Transient Cerebral Ischemia.....	1	0.0	1.2	*	0.0	2.6	*	0.0	4.2	*
Stroke.....	12	16.7	22.4	*	25.0	29.3	*	25.0	34.2	*
Hip Fracture.....	1	0.0	2.7	*	0.0	5.6	*	0.0	8.2	*
Sepsis.....	3	66.7	38.7	*	66.7	45.9	*	66.7	53.5	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	10	0.0	0.7	*	0.0	1.4	*	0.0	2.2	*
Cholecystectomy.....	2	0.0	6.5	*	50.0	11.8	*	50.0	14.7	*
Hysterectomy.....	3	0.0	0.7	*	0.0	1.2	*	0.0	1.8	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

OSCEOLA COMMUNITY HOSPITAL

110 Cedar Lane

Sibley, IA 51249

Medicare Provider Number: 160130

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	184	9.2	9.3	2.6	11.4	14.5	3.6	16.8	18.5	3.1
CONDITIONS:										
Acute Myocardial Infarction.....	4	50.0	23.1	*	50.0	25.9	*	50.0	29.2	*
Congestive Heart Failure.....	9	11.1	12.5	*	11.1	19.0	*	22.2	24.7	*
Pneumonia/Influenza.....	16	18.8	16.2	*	18.8	22.2	*	25.0	26.8	*
Chronic Obstructive Pulmonary Disease.....	3	0.0	7.0	*	0.0	13.3	*	33.3	19.6	*
Transient Cerebral Ischemia.....	4	0.0	1.5	*	0.0	3.4	*	25.0	5.3	*
Stroke.....	9	33.3	17.6	*	33.3	25.4	*	44.4	30.4	*
Hip Fracture.....	3	0.0	9.6	*	33.3	18.2	*	33.3	24.0	*
Sepsis.....	6	33.3	26.0	*	33.3	36.8	*	50.0	43.8	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	6	0.0	2.2	*	0.0	4.1	*	0.0	5.5	*
Hysterectomy.....	5	0.0	0.4	*	0.0	0.9	*	0.0	1.4	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 32
 Occupancy Rate..... 34
 Ownership/Control..... Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 18
 Percent of Physicians Board Certified Specialists..... 89
 Medical Residents/Interns..... 0
 Registered Nurses..... 11
 Licensed Practical Nurses..... 7

SPECIALTY SERVICES:

Burn Unit..... No
 Cardiac Intensive Care..... No
 Comprehensive Geriatric..... No
 Hospice Care..... No
 Medical/Surgical Intensive Care..... Yes
 Organ/Tissue Transplant..... No
 Other Intensive Care..... No
 Rehabilitation Unit..... No
 Trauma Center..... No

** Not used in calculating hospital mortality rates.

OSCEOLA COMMUNITY HOSPITAL

Medicare Provider Number: 160130

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	209	8.6	8.7	2.0	14.4	13.2	2.7	17.7	16.7	3.3
CONDITIONS:										
Acute Myocardial Infarction.....	9	11.1	25.2	*	33.3	29.0	*	33.3	32.3	*
Congestive Heart Failure.....	10	20.0	17.6	*	40.0	27.7	*	40.0	35.6	*
Pneumonia/Influenza.....	11	9.1	17.1	*	18.2	23.6	*	18.2	28.9	*
Chronic Obstructive Pulmonary Disease.....	2	0.0	8.4	*	0.0	17.5	*	0.0	25.2	*
Transient Cerebral Ischemia.....	3	0.0	4.3	*	0.0	10.3	*	0.0	17.1	*
Stroke.....	11	9.1	17.8	*	18.2	24.9	*	18.2	29.7	*
Hip Fracture.....	1	0.0	4.4	*	0.0	8.3	*	0.0	10.9	*
Sepsis.....	3	0.0	23.4	*	33.3	30.6	*	33.3	36.3	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	7	28.6	3.1	*	28.6	6.9	*	28.6	10.6	*
Hysterectomy.....	7	0.0	0.6	*	14.3	1.4	*	14.3	2.3	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	196	12.8	11.0	2.4	15.8	16.2	2.6	18.4	20.2	2.9
CONDITIONS:										
Acute Myocardial Infarction.....	8	25.0	31.5	*	25.0	35.1	*	25.0	38.9	*
Congestive Heart Failure.....	18	11.1	17.0	*	11.1	26.3	*	16.7	33.8	*
Pneumonia/Influenza.....	14	35.7	16.7	*	42.9	23.4	*	42.9	28.6	*
Chronic Obstructive Pulmonary Disease.....	0									
Transient Cerebral Ischemia.....	2	0.0	3.5	*	0.0	7.5	*	0.0	12.1	*
Stroke.....	10	10.0	24.0	*	10.0	32.5	*	20.0	38.0	*
Hip Fracture.....	0									
Sepsis.....	5	20.0	23.4	*	40.0	30.3	*	40.0	35.5	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	4	25.0	2.3	*	25.0	3.6	*	25.0	4.3	*
Hysterectomy.....	2	0.0	0.1	*	0.0	0.2	*	0.0	0.3	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

OTTUMWA REGIONAL HEALTH CENTER

1001 E Pennsylvania
Ottumwa, IA 52501

Medicare Provider Number: 160089

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,640	11.0	9.3	0.9	14.5	14.0	0.9	17.4	17.8	1.0
CONDITIONS:										
Acute Myocardial Infarction.....	79	27.8	29.9	5.6	30.4	33.0	6.8	31.6	36.6	8.7
Congestive Heart Failure.....	81	19.8	15.0	6.9	24.7	22.8	5.3	29.6	29.3	5.5
Pneumonia/Influenza.....	65	20.0	16.8	5.0	27.7	23.1	6.0	30.8	28.0	5.7
Chronic Obstructive Pulmonary Disease.....	21	23.8	6.1	*	23.8	10.9	*	23.8	15.3	*
Transient Cerebral Ischemia.....	24	0.0	1.8	*	0.0	4.2	*	0.0	6.8	*
Stroke.....	85	20.0	20.3	4.4	22.4	26.4	6.3	25.9	30.7	7.5
Hip Fracture.....	53	5.7	8.0	5.7	7.5	13.9	9.0	11.3	17.7	8.7
Sepsis.....	13	30.8	24.0	*	38.5	30.4	*	38.5	36.1	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	10	10.0	5.4	*	10.0	9.7	*	30.0	13.3	*
Carotid Endarterectomy.....	11	0.0	1.4	*	0.0	2.6	*	0.0	4.0	*
Hip Replacement/Reconstruction.....	56	1.8	3.5	3.6	3.6	6.4	5.1	3.6	8.7	5.8
Open Reduction of Hip Fracture.....	27	7.4	7.6	*	7.4	13.8	*	11.1	17.8	*
Prostatectomy.....	64	1.6	1.7	1.6	3.1	4.0	2.9	4.7	6.6	4.0
Cholecystectomy.....	39	5.1	3.8	*	5.1	7.0	*	7.7	9.4	*
Hysterectomy.....	19	0.0	1.3	*	0.0	2.9	*	0.0	4.3	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 220
Occupancy Rate..... 56
Ownership/Control..... Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 43
Percent of Physicians Board Certified Specialists..... 81
Medical Residents/Interns..... 0
Registered Nurses..... 193
Licensed Practical Nurses..... 42

SPECIALTY SERVICES:

Burn Unit..... No
Cardiac Intensive Care..... No
Comprehensive Geriatric..... No
Hospice Care..... No
Medical/Surgical Intensive Care..... Yes
Organ/Tissue Transplant..... No
Other Intensive Care..... No
Rehabilitation Unit..... No
Trauma Center..... No

** Not used in calculating hospital mortality rates.

OTTUMWA REGIONAL HEALTH CENTER

Medicare Provider Number: 160089

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	1,914	9.1	8.8	1.1	13.9	13.4	1.0	17.1	17.2	0.9
CONDITIONS:										
Acute Myocardial Infarction.....	75	41.3	36.4	6.0	41.3	39.6	5.7	44.0	43.3	5.9
Congestive Heart Failure.....	82	13.4	15.6	4.3	28.0	23.8	5.5	32.9	30.6	6.6
Pneumonia/Influenza.....	73	27.4	16.8	5.6	31.5	22.7	5.7	37.0	27.4	6.2
Chronic Obstructive Pulmonary Disease.....	23	4.3	7.8	*	21.7	14.3	*	39.1	20.2	*
Transient Cerebral Ischemia.....	39	0.0	2.1	*	5.1	4.6	*	5.1	7.3	*
Stroke.....	97	17.5	20.2	4.7	24.7	26.5	5.0	27.8	31.1	6.1
Hip Fracture.....	53	11.3	7.4	6.6	18.9	13.2	7.9	18.9	16.9	7.8
Sepsis.....	16	25.0	19.1	*	37.5	25.1	*	43.8	30.3	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	8	0.0	5.8	*	0.0	8.2	*	0.0	10.5	*
Carotid Endarterectomy.....	6	0.0	2.6	*	0.0	5.3	*	16.7	7.4	*
Hip Replacement/Reconstruction.....	47	8.5	3.1	*	10.6	5.6	*	10.6	7.3	*
Open Reduction of Hip Fracture.....	28	10.7	7.2	*	21.4	13.7	*	21.4	17.8	*
Prostatectomy.....	88	0.0	1.6	*	0.0	4.0	*	2.3	6.7	*
Cholecystectomy.....	40	7.5	2.6	*	10.0	4.4	*	10.0	5.7	*
Hysterectomy.....	18	0.0	0.8	*	0.0	1.5	*	0.0	2.1	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	1,464	9.4	7.9	0.9	14.1	12.1	1.2	17.5	15.7	1.2
CONDITIONS:										
Acute Myocardial Infarction.....	45	31.1	31.8	*	35.6	35.3	*	37.8	39.0	*
Congestive Heart Failure.....	80	8.7	14.6	5.8	17.5	22.6	6.5	26.2	29.4	5.5
Pneumonia/Influenza.....	60	23.3	15.4	6.4	31.7	21.3	8.2	31.7	26.0	6.5
Chronic Obstructive Pulmonary Disease.....	11	9.1	6.1	*	18.2	11.9	*	27.3	17.3	*
Transient Cerebral Ischemia.....	23	8.7	1.6	*	8.7	3.3	*	8.7	5.3	*
Stroke.....	62	27.4	19.9	7.8	30.6	26.3	6.5	33.9	31.2	6.2
Hip Fracture.....	29	17.2	6.5	*	20.7	12.0	*	20.7	15.8	*
Sepsis.....	15	40.0	26.7	*	46.7	33.9	*	53.3	39.9	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	10	0.0	4.0	*	0.0	7.4	*	0.0	10.1	*
Carotid Endarterectomy.....	7	0.0	1.4	*	0.0	2.4	*	0.0	3.4	*
Hip Replacement/Reconstruction.....	28	3.6	2.2	*	7.1	4.1	*	7.1	5.5	*
Open Reduction of Hip Fracture.....	18	16.7	5.4	*	22.2	10.6	*	22.2	14.3	*
Prostatectomy.....	64	0.0	1.7	2.3	1.6	4.3	3.5	4.7	7.0	3.7
Cholecystectomy.....	21	0.0	2.7	*	4.8	4.8	*	4.8	6.4	*
Hysterectomy.....	18	0.0	1.0	*	0.0	2.2	*	0.0	3.2	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

PALMER LUTHERAN HEALTH CENTER

112 Jefferson Street
West Union, IA 52175

Medicare Provider Number: 160129

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	214	8.9	9.9	2.4	11.2	14.7	3.4	14.5	18.4	4.5
CONDITIONS:										
Acute Myocardial Infarction.....	7	14.3	28.7	*	14.3	34.5	*	14.3	39.2	*
Congestive Heart Failure.....	16	31.3	16.7	*	43.8	25.3	*	43.8	32.2	*
Pneumonia/Influenza.....	16	6.3	17.9	*	12.5	24.6	*	12.5	29.8	*
Chronic Obstructive Pulmonary Disease.....	1	0.0	3.0	*	0.0	5.7	*	0.0	8.2	*
Transient Cerebral Ischemia.....	2	0.0	5.1	*	0.0	13.1	*	0.0	22.4	*
Stroke.....	7	28.6	23.4	*	28.6	30.7	*	42.9	35.6	*
Hip Fracture.....	5	0.0	8.8	*	0.0	16.2	*	20.0	21.2	*
Sepsis.....	4	25.0	22.5	*	25.0	27.6	*	25.0	32.7	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	5	0.0	4.5	*	0.0	8.6	*	20.0	11.7	*
Open Reduction of Hip Fracture.....	2	0.0	6.4	*	0.0	12.0	*	0.0	15.7	*
Prostatectomy.....	7	0.0	0.6	*	0.0	1.6	*	0.0	2.9	*
Cholecystectomy.....	10	0.0	2.9	*	0.0	4.9	*	0.0	6.2	*
Hysterectomy.....	1	0.0	0.4	*	0.0	0.7	*	0.0	1.0	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 30
Occupancy Rate..... 50
Ownership/Control..... Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 12
Percent of Physicians Board Certified Specialists..... 67
Medical Residents/Interns..... 0
Registered Nurses..... 24
Licensed Practical Nurses..... 6

SPECIALTY SERVICES:

Burn Unit..... No
Cardiac Intensive Care..... No
Comprehensive Geriatric..... No
Hospice Care..... No
Medical/Surgical Intensive Care..... Yes
Organ/Tissue Transplant..... No
Other Intensive Care..... No
Rehabilitation Unit..... No
Trauma Center..... No

** Not used in calculating hospital mortality rates.

PALMER LUTHERAN HEALTH CENTER

Medicare Provider Number: 160129

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	210	14.8	12.4	3.4	18.1	17.8	2.9	20.0	21.9	4.2
CONDITIONS:										
Acute Myocardial Infarction.....	10	40.0	24.9	*	40.0	28.1	*	50.0	31.6	*
Congestive Heart Failure.....	11	45.5	17.9	*	45.5	26.4	*	45.5	33.5	*
Pneumonia/Influenza.....	13	15.4	22.5	*	23.1	29.5	*	23.1	34.5	*
Chronic Obstructive Pulmonary Disease.....	5	0.0	7.9	*	0.0	14.4	*	0.0	20.3	*
Transient Cerebral Ischemia.....	2	0.0	2.3	*	0.0	4.7	*	0.0	7.3	*
Stroke.....	13	7.7	24.7	*	7.7	31.2	*	15.4	36.3	*
Hip Fracture.....	2	0.0	6.1	*	0.0	10.5	*	0.0	13.7	*
Sepsis.....	1	0.0	24.0	*	0.0	33.8	*	0.0	39.7	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	1	0.0	3.7	*	0.0	7.6	*	0.0	11.1	*
Prostatectomy.....	3	0.0	1.1	*	33.3	2.7	*	33.3	4.4	*
Cholecystectomy.....	2	50.0	1.4	*	50.0	2.4	*	50.0	3.1	*
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	238	10.5	11.3	2.2	17.6	16.2	2.7	19.7	20.1	2.8
CONDITIONS:										
Acute Myocardial Infarction.....	10	30.0	28.3	*	40.0	32.0	*	40.0	35.8	*
Congestive Heart Failure.....	14	14.3	15.8	*	35.7	23.8	*	35.7	30.5	*
Pneumonia/Influenza.....	14	14.3	21.9	*	21.4	29.1	*	21.4	34.8	*
Chronic Obstructive Pulmonary Disease.....	4	0.0	9.2	*	0.0	16.2	*	25.0	21.6	*
Transient Cerebral Ischemia.....	5	0.0	2.8	*	0.0	6.1	*	0.0	9.9	*
Stroke.....	24	20.8	24.2	*	37.5	31.3	*	41.7	36.6	*
Hip Fracture.....	2	0.0	4.4	*	0.0	8.7	*	0.0	11.8	*
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	2	0.0	4.1	*	0.0	8.4	*	0.0	11.4	*
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	7	0.0	0.6	*	0.0	1.6	*	0.0	2.9	*
Cholecystectomy.....	3	0.0	1.2	*	0.0	2.4	*	0.0	3.4	*
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

PALO ALTO COUNTY HOSPITAL

West 1st St
Emmetsburg, IA 50536

Medicare Provider Number: 160118

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	274	11.3	8.6	2.9	14.2	12.7	3.1	18.2	16.1	3.4
CONDITIONS:										
Acute Myocardial Infarction.....	16	31.3	27.0	*	31.3	30.1	*	31.3	33.9	*
Congestive Heart Failure.....	16	18.8	13.4	*	37.5	20.5	*	37.5	26.8	*
Pneumonia/Influenza.....	23	26.1	15.5	*	30.4	21.6	*	34.8	26.4	*
Chronic Obstructive Pulmonary Disease.....	2	0.0	4.1	*	50.0	8.7	*	50.0	12.8	*
Transient Cerebral Ischemia.....	4	0.0	2.2	*	0.0	5.1	*	25.0	8.4	*
Stroke.....	14	14.3	24.1	*	21.4	31.1	*	28.6	36.3	*
Hip Fracture.....	2	0.0	8.4	*	50.0	15.8	*	50.0	20.7	*
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	1	0.0	1.0	*	0.0	2.2	*	0.0	3.4	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	26	0.0	1.2	*	3.8	2.8	*	7.7	4.7	*
Cholecystectomy.....	6	0.0	1.5	*	0.0	2.5	*	0.0	3.3	*
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 54
Occupancy Rate..... 65
Ownership/Control..... Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 6
Percent of Physicians Board Certified Specialists..... (Not Available)
Medical Residents/Interns..... 0
Registered Nurses..... 25
Licensed Practical Nurses..... 1

SPECIALTY SERVICES:

Burn Unit..... No
Cardiac Intensive Care..... No
Comprehensive Geriatric..... No
Hospice Care..... No
Medical/Surgical Intensive Care..... Yes
Organ/Tissue Transplant..... No
Other Intensive Care..... No
Rehabilitation Unit..... No
Trauma Center..... No

** Not used in calculating hospital mortality rates.

PALO ALTO COUNTY HOSPITAL

Medicare Provider Number: 160118

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	279	17.2	12.7	3.1	22.6	18.1	3.6	26.5	22.5	3.5
CONDITIONS:										
Acute Myocardial Infarction.....	14	42.9	26.5	*	50.0	29.2	*	50.0	32.6	*
Congestive Heart Failure.....	17	23.5	20.2	*	41.2	30.8	*	52.9	39.0	*
Pneumonia/Influenza.....	36	22.2	16.5	*	25.0	22.2	*	27.8	26.6	*
Chronic Obstructive Pulmonary Disease.....	5	0.0	6.1	*	0.0	11.8	*	0.0	17.0	*
Transient Cerebral Ischemia.....	5	0.0	3.8	*	0.0	9.0	*	20.0	14.2	*
Stroke.....	19	21.1	22.9	*	31.6	29.9	*	36.8	35.1	*
Hip Fracture.....	5	20.0	5.1	*	20.0	9.4	*	20.0	12.3	*
Sepsis.....	4	50.0	29.4	*	75.0	39.7	*	75.0	47.8	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	21	0.0	1.2	*	4.8	3.0	*	9.5	5.1	*
Cholecystectomy.....	1	0.0	14.5	*	0.0	27.1	*	0.0	34.7	*
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	298	16.4	10.8	2.4	19.5	15.6	2.5	22.1	19.5	2.6
CONDITIONS:										
Acute Myocardial Infarction.....	20	50.0	32.2	*	50.0	36.6	*	50.0	40.6	*
Congestive Heart Failure.....	13	23.1	14.3	*	30.8	22.1	*	30.8	29.0	*
Pneumonia/Influenza.....	21	33.3	17.8	*	42.9	24.4	*	52.4	29.6	*
Chronic Obstructive Pulmonary Disease.....	4	25.0	8.2	*	25.0	14.9	*	25.0	20.9	*
Transient Cerebral Ischemia.....	2	0.0	1.8	*	0.0	4.1	*	0.0	6.8	*
Stroke.....	20	15.0	18.4	*	20.0	24.0	*	25.0	28.6	*
Hip Fracture.....	2	50.0	6.0	*	50.0	11.5	*	50.0	15.2	*
Sepsis.....	4	25.0	15.8	*	50.0	21.2	*	50.0	25.8	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	2	0.0	2.8	*	0.0	5.2	*	0.0	7.6	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	22	0.0	1.4	*	0.0	3.4	*	9.1	5.8	*
Cholecystectomy.....	6	0.0	5.4	*	0.0	11.3	*	0.0	15.9	*
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

PELLA COMMUNITY HOSPITAL

404 Jefferson St
Pella, IA 50219

Medicare Provider Number: 160044

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	244	8.6	8.5	1.9	14.3	13.1	2.6	18.0	16.7	2.7
CONDITIONS:										
Acute Myocardial Infarction.....	7	14.3	32.3	*	14.3	35.2	*	14.3	38.5	*
Congestive Heart Failure.....	13	15.4	15.8	*	30.8	24.9	*	53.8	32.4	*
Pneumonia/Influenza.....	15	26.7	14.0	*	33.3	19.7	*	33.3	24.3	*
Chronic Obstructive Pulmonary Disease.....	6	0.0	5.5	*	0.0	10.2	*	0.0	14.4	*
Transient Cerebral Ischemia.....	3	0.0	2.8	*	0.0	6.5	*	0.0	10.6	*
Stroke.....	7	57.1	30.0	*	57.1	38.6	*	57.1	43.9	*
Hip Fracture.....	9	11.1	6.0	*	11.1	11.0	*	22.2	14.3	*
Sepsis.....	4	0.0	38.1	*	0.0	44.6	*	0.0	52.3	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	14	0.0	2.9	*	0.0	6.1	*	7.1	8.8	*
Open Reduction of Hip Fracture.....	4	25.0	5.2	*	25.0	9.9	*	25.0	13.0	*
Prostatectomy.....	3	0.0	1.4	*	0.0	3.5	*	0.0	6.1	*
Cholecystectomy.....	18	5.6	3.6	*	11.1	6.7	*	11.1	8.9	*
Hysterectomy.....	2	0.0	2.3	*	0.0	5.0	*	0.0	7.2	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 132
Occupancy Rate..... 86
Ownership/Control..... Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 8
Percent of Physicians Board Certified Specialists..... 25
Medical Residents/Interns..... 0
Registered Nurses..... 29
Licensed Practical Nurses..... 11

SPECIALTY SERVICES:

Burn Unit..... No
Cardiac Intensive Care..... No
Comprehensive Geriatric..... Yes
Hospice Care..... No
Medical/Surgical Intensive Care..... Yes
Organ/Tissue Transplant..... No
Other Intensive Care..... No
Rehabilitation Unit..... No
Trauma Center..... Yes

** Not used in calculating hospital mortality rates.

PELLA COMMUNITY HOSPITAL

Medicare Provider Number: 160044

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	199	11.1	11.4	2.9	16.1	16.5	2.8	19.6	20.6	3.2
CONDITIONS:										
Acute Myocardial Infarction.....	9	33.3	32.7	*	33.3	38.0	*	33.3	42.2	*
Congestive Heart Failure.....	6	0.0	13.3	*	0.0	20.1	*	16.7	26.0	*
Pneumonia/Influenza.....	13	23.1	15.5	*	38.5	20.6	*	38.5	24.9	*
Chronic Obstructive Pulmonary Disease.....	4	0.0	5.4	*	25.0	11.3	*	25.0	16.7	*
Transient Cerebral Ischemia.....	0									
Stroke.....	16	25.0	20.5	*	37.5	26.8	*	43.8	31.5	*
Hip Fracture.....	7	14.3	8.1	*	14.3	15.2	*	14.3	20.0	*
Sepsis.....	1	0.0	19.7	*	0.0	25.6	*	0.0	30.5	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	1	0.0	1.0	*	0.0	2.5	*	0.0	4.1	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	1	0.0	11.5	*	0.0	20.0	*	0.0	24.2	*
Open Reduction of Hip Fracture.....	5	20.0	6.9	*	20.0	14.0	*	20.0	19.2	*
Prostatectomy.....	1	0.0	0.9	*	0.0	1.7	*	0.0	2.7	*
Cholecystectomy.....	14	14.3	3.4	*	14.3	5.9	*	14.3	7.1	*
Hysterectomy.....	1	0.0	0.2	*	0.0	0.2	*	0.0	0.4	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	205	8.3	10.5	2.9	13.2	15.0	4.1	16.6	18.7	4.1
CONDITIONS:										
Acute Myocardial Infarction.....	9	22.2	33.2	*	22.2	36.1	*	22.2	39.6	*
Congestive Heart Failure.....	7	14.3	13.0	*	14.3	19.6	*	14.3	25.6	*
Pneumonia/Influenza.....	14	7.1	18.0	*	7.1	24.2	*	7.1	29.2	*
Chronic Obstructive Pulmonary Disease.....	2	50.0	5.0	*	50.0	9.0	*	50.0	12.6	*
Transient Cerebral Ischemia.....	1	0.0	2.4	*	0.0	5.4	*	0.0	8.9	*
Stroke.....	15	26.7	22.4	*	40.0	28.8	*	46.7	33.6	*
Hip Fracture.....	8	12.5	5.7	*	12.5	10.6	*	12.5	13.9	*
Sepsis.....	2	0.0	42.6	*	0.0	49.0	*	0.0	56.1	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	2	50.0	6.8	*	50.0	13.3	*	50.0	17.4	*
Open Reduction of Hip Fracture.....	4	0.0	4.5	*	0.0	8.5	*	0.0	11.2	*
Prostatectomy.....	6	0.0	1.4	*	0.0	3.4	*	0.0	5.6	*
Cholecystectomy.....	9	0.0	3.4	*	0.0	6.4	*	0.0	8.6	*
Hysterectomy.....	3	0.0	1.5	*	0.0	3.1	*	0.0	4.6	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

PEOPLES MEMORIAL HOSPITAL

Hwy 20 E
Independence, IA 50644

Medicare Provider Number: 160086

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	178	14.0	10.7	2.8	20.8	16.1	3.5	27.0	20.5	4.3
CONDITIONS:										
Acute Myocardial Infarction.....	9	22.2	28.6	*	22.2	32.4	*	33.3	36.5	*
Congestive Heart Failure.....	11	27.3	16.6	*	36.4	25.5	*	45.5	32.8	*
Pneumonia/Influenza.....	19	42.1	14.3	*	42.1	19.6	*	47.4	24.0	*
Chronic Obstructive Pulmonary Disease.....	8	12.5	4.4	*	25.0	9.1	*	50.0	13.8	*
Transient Cerebral Ischemia.....	1	0.0	2.7	*	0.0	6.0	*	0.0	9.7	*
Stroke.....	7	14.3	19.2	*	14.3	25.1	*	14.3	29.8	*
Hip Fracture.....	1	0.0	4.1	*	0.0	8.4	*	0.0	11.8	*
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	1	0.0	3.5	*	0.0	7.6	*	0.0	10.9	*
Prostatectomy.....	4	0.0	0.8	*	0.0	1.8	*	0.0	2.9	*
Cholecystectomy.....	1	0.0	7.4	*	0.0	11.5	*	100.0	13.0	*
Hysterectomy.....	1	0.0	1.0	*	0.0	2.4	*	0.0	3.7	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 109
Occupancy Rate..... 59
Ownership/Control..... Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 11
Percent of Physicians Board Certified Specialists..... 82
Medical Residents/Interns..... 0
Registered Nurses..... 21
Licensed Practical Nurses..... 2

SPECIALTY SERVICES:

Burn Unit..... No
Cardiac Intensive Care..... No
Comprehensive Geriatric..... No
Hospice Care..... Yes
Medical/Surgical Intensive Care..... No
Organ/Tissue Transplant..... No
Other Intensive Care..... No
Rehabilitation Unit..... No
Trauma Center..... No

** Not used in calculating hospital mortality rates.

PEOPLES MEMORIAL HOSPITAL

Medicare Provider Number: 160086

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	193	13.5	8.2	3.2	18.7	12.8	3.6	21.2	16.6	3.6
CONDITIONS:										
Acute Myocardial Infarction.....	3	66.7	35.5	*	66.7	41.1	*	66.7	46.8	*
Congestive Heart Failure.....	13	38.5	13.9	*	53.8	22.3	*	53.8	29.0	*
Pneumonia/Influenza.....	15	33.3	19.7	*	40.0	26.6	*	46.7	31.5	*
Chronic Obstructive Pulmonary Disease.....	6	0.0	9.4	*	0.0	16.9	*	0.0	23.1	*
Transient Cerebral Ischemia.....	1	100.0	1.7	*	100.0	3.9	*	100.0	6.2	*
Stroke.....	8	12.5	20.8	*	12.5	27.3	*	12.5	32.3	*
Hip Fracture.....	1	0.0	5.5	*	0.0	11.0	*	0.0	14.9	*
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	1	0.0	4.8	*	0.0	9.9	*	0.0	13.7	*
Prostatectomy.....	9	0.0	0.9	*	0.0	2.1	*	0.0	3.4	*
Cholecystectomy.....	1	0.0	0.9	*	0.0	1.6	*	0.0	2.2	*
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	227	15.9	10.2	2.6	19.8	15.0	3.0	22.0	18.9	2.7
CONDITIONS:										
Acute Myocardial Infarction.....	10	60.0	34.6	*	60.0	39.4	*	60.0	44.3	*
Congestive Heart Failure.....	15	13.3	17.0	*	33.3	26.4	*	33.3	33.9	*
Pneumonia/Influenza.....	16	37.5	19.6	*	43.8	26.7	*	56.3	31.9	*
Chronic Obstructive Pulmonary Disease.....	4	25.0	10.9	*	25.0	18.0	*	25.0	23.5	*
Transient Cerebral Ischemia.....	3	0.0	2.3	*	0.0	5.2	*	0.0	8.5	*
Stroke.....	16	12.5	24.1	*	18.8	31.1	*	31.3	36.4	*
Hip Fracture.....	10	40.0	6.8	*	40.0	12.6	*	40.0	16.2	*
Sepsis.....	2	0.0	26.5	*	0.0	32.8	*	0.0	39.2	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	5	40.0	6.8	*	40.0	12.8	*	40.0	16.7	*
Prostatectomy.....	2	0.0	0.9	*	0.0	1.9	*	0.0	3.0	*
Cholecystectomy.....	8	0.0	2.5	*	0.0	4.2	*	0.0	5.2	*
Hysterectomy.....	2	0.0	0.8	*	0.0	2.1	*	0.0	3.6	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

POCAHONTAS COMMUNITY HOSPITAL

606 NW Seventh
Pocahontas, IA 50574

Medicare Provider Number: 160142

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	137	18.2	11.3	3.5	22.6	17.3	3.7	24.1	21.9	4.1
CONDITIONS:										
Acute Myocardial Infarction.....	5	20.0	19.9	*	20.0	23.1	*	20.0	26.5	*
Congestive Heart Failure.....	14	21.4	13.4	*	28.6	20.9	*	28.6	27.5	*
Pneumonia/Influenza.....	18	38.9	18.5	*	38.9	25.7	*	38.9	31.2	*
Chronic Obstructive Pulmonary Disease.....	1	100.0	7.7	*	100.0	17.7	*	100.0	28.0	*
Transient Cerebral Ischemia.....	0									
Stroke.....	7	42.9	23.6	*	42.9	30.0	*	57.1	34.5	*
Hip Fracture.....	2	0.0	6.9	*	50.0	12.4	*	50.0	16.0	*
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	3	0.0	1.1	*	0.0	1.8	*	0.0	2.4	*
Hysterectomy.....	2	0.0	0.4	*	0.0	0.8	*	0.0	1.1	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 20
Occupancy Rate..... 30
Ownership/Control..... Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 12
Percent of Physicians Board Certified Specialists..... 75
Medical Residents/Interns..... 0
Registered Nurses..... 13
Licensed Practical Nurses..... 2

SPECIALTY SERVICES:

Burn Unit..... No
Cardiac Intensive Care..... No
Comprehensive Geriatric..... No
Hospice Care..... Yes
Medical/Surgical Intensive Care..... Yes
Organ/Tissue Transplant..... No
Other Intensive Care..... No
Rehabilitation Unit..... No
Trauma Center..... No

** Not used in calculating hospital mortality rates.

POCAHONTAS COMMUNITY HOSPITAL

Medicare Provider Number: 160142

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	163	21.5	11.3	3.8	27.6	17.0	4.1	31.3	21.2	4.3
CONDITIONS:										
Acute Myocardial Infarction.....	11	36.4	23.6	*	36.4	26.7	*	36.4	30.1	*
Congestive Heart Failure.....	13	38.5	17.3	*	46.2	27.0	*	46.2	34.3	*
Pneumonia/Influenza.....	9	55.6	21.1	*	55.6	30.0	*	55.6	35.8	*
Chronic Obstructive Pulmonary Disease.....	1	0.0	4.6	*	100.0	8.6	*	100.0	12.8	*
Transient Cerebral Ischemia.....	1	0.0	1.9	*	0.0	4.3	*	0.0	6.9	*
Stroke.....	12	33.3	18.3	*	41.7	24.5	*	41.7	29.0	*
Hip Fracture.....	2	50.0	8.2	*	50.0	15.0	*	100.0	19.2	*
Sepsis.....	4	0.0	20.4	*	25.0	26.1	*	25.0	31.9	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	5	0.0	3.9	*	20.0	7.0	*	20.0	8.7	*
Hysterectomy.....	3	0.0	0.5	*	0.0	1.2	*	0.0	2.2	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	170	20.6	14.1	3.8	25.3	20.0	3.8	27.1	24.5	3.6
CONDITIONS:										
Acute Myocardial Infarction.....	18	44.4	28.2	*	44.4	31.8	*	44.4	35.6	*
Congestive Heart Failure.....	25	36.0	19.5	*	40.0	29.5	*	44.0	37.3	*
Pneumonia/Influenza.....	6	50.0	16.7	*	66.7	22.4	*	83.3	27.2	*
Chronic Obstructive Pulmonary Disease.....	1	0.0	9.9	*	0.0	17.8	*	0.0	23.7	*
Transient Cerebral Ischemia.....	1	0.0	2.9	*	0.0	6.9	*	0.0	11.6	*
Stroke.....	7	28.6	21.6	*	28.6	27.8	*	28.6	32.3	*
Hip Fracture.....	2	0.0	5.8	*	0.0	11.1	*	0.0	15.1	*
Sepsis.....	2	50.0	31.6	*	50.0	38.0	*	50.0	44.6	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	1	0.0	5.8	*	0.0	11.4	*	0.0	15.7	*
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	6	0.0	1.0	*	0.0	1.9	*	0.0	2.5	*
Hysterectomy.....	3	0.0	0.5	*	0.0	0.8	*	0.0	1.1	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

RINGGOLD COUNTY HOSPITAL

211 Shellway Dr
Mount Ayr, IA 50854

Medicare Provider Number: 160048

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	93	14.0	11.6	4.7	16.1	16.4	4.9	22.6	20.2	4.9
CONDITIONS:										
Acute Myocardial Infarction.....	7	42.9	29.5	*	42.9	33.5	*	42.9	38.0	*
Congestive Heart Failure.....	4	50.0	17.0	*	50.0	26.6	*	75.0	34.4	*
Pneumonia/Influenza.....	6	50.0	16.2	*	50.0	22.2	*	66.7	27.0	*
Chronic Obstructive Pulmonary Disease.....	1	0.0	9.1	*	0.0	14.1	*	0.0	18.5	*
Transient Cerebral Ischemia.....	0									
Stroke.....	5	40.0	15.0	*	40.0	20.1	*	40.0	24.3	*
Hip Fracture.....	4	0.0	6.1	*	0.0	10.8	*	0.0	13.9	*
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	2	0.0	7.1	*	0.0	12.7	*	0.0	16.1	*
Prostatectomy.....	7	0.0	1.5	*	0.0	3.8	*	0.0	6.7	*
Cholecystectomy.....	7	0.0	1.1	*	0.0	1.8	*	0.0	2.5	*
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 40
Occupancy Rate..... 28
Ownership/Control..... Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 5
Percent of Physicians Board Certified Specialists..... (Not Available)
Medical Residents/Interns..... 0
Registered Nurses..... 15
Licensed Practical Nurses..... 10

SPECIALTY SERVICES:

Burn Unit..... No
Cardiac Intensive Care..... No
Comprehensive Geriatric..... No
Hospice Care..... No
Medical/Surgical Intensive Care..... No
Organ/Tissue Transplant..... No
Other Intensive Care..... No
Rehabilitation Unit..... No
Trauma Center..... No

** Not used in calculating hospital mortality rates.

RINGGOLD COUNTY HOSPITAL

Medicare Provider Number: 160048

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	125	11.2	11.5	2.9	16.0	16.1	3.4	19.2	19.4	3.7
CONDITIONS:										
Acute Myocardial Infarction.....	5	40.0	39.3	*	40.0	42.3	*	40.0	46.1	*
Congestive Heart Failure.....	6	0.0	16.9	*	0.0	25.8	*	16.7	33.4	*
Pneumonia/Influenza.....	9	11.1	18.2	*	33.3	25.8	*	33.3	30.9	*
Chronic Obstructive Pulmonary Disease.....	1	0.0	4.0	*	0.0	7.3	*	0.0	10.3	*
Transient Cerebral Ischemia.....	1	0.0	1.8	*	0.0	4.1	*	0.0	6.6	*
Stroke.....	8	12.5	16.7	*	12.5	22.4	*	12.5	26.9	*
Hip Fracture.....	2	0.0	9.2	*	0.0	15.3	*	0.0	18.8	*
Sepsis.....	1	0.0	21.9	*	0.0	28.5	*	0.0	33.1	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	1	0.0	2.9	*	0.0	5.7	*	0.0	7.8	*
Prostatectomy.....	7	0.0	0.8	*	0.0	1.8	*	0.0	3.0	*
Cholecystectomy.....	4	0.0	3.0	*	0.0	5.2	*	0.0	6.5	*
Hysterectomy.....	1	0.0	0.9	*	0.0	1.5	*	0.0	1.8	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	138	14.5	10.8	4.2	18.1	16.2	3.9	22.5	20.0	4.0
CONDITIONS:										
Acute Myocardial Infarction.....	5	60.0	23.2	*	60.0	25.7	*	60.0	28.7	*
Congestive Heart Failure.....	4	50.0	23.8	*	50.0	36.9	*	50.0	45.8	*
Pneumonia/Influenza.....	11	9.1	15.6	*	18.2	21.0	*	18.2	25.4	*
Chronic Obstructive Pulmonary Disease.....	2	50.0	15.4	*	50.0	29.1	*	50.0	38.4	*
Transient Cerebral Ischemia.....	1	0.0	2.2	*	0.0	4.3	*	0.0	6.8	*
Stroke.....	7	14.3	19.1	*	28.6	24.7	*	42.9	29.2	*
Hip Fracture.....	1	100.0	5.2	*	100.0	11.0	*	100.0	15.3	*
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	17	11.8	0.9	*	11.8	2.2	*	11.8	3.6	*
Cholecystectomy.....	2	0.0	1.5	*	0.0	2.3	*	0.0	2.9	*
Hysterectomy.....	2	0.0	2.0	*	0.0	4.3	*	0.0	6.1	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

SAMARITAN HOSPITAL NORTH

1410 N 4th St

Clinton, IA 52732

Medicare Provider Number: 160053

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	793	7.7	7.1	1.3	12.0	10.9	1.6	14.9	14.1	1.7
CONDITIONS:										
Acute Myocardial Infarction.....	19	52.6	24.2	*	63.2	27.7	*	63.2	31.2	*
Congestive Heart Failure.....	45	11.1	14.3	*	17.8	22.4	*	26.7	29.0	*
Pneumonia/Influenza.....	60	15.0	13.4	7.0	26.7	19.0	8.8	28.3	23.2	9.3
Chronic Obstructive Pulmonary Disease.....	9	0.0	6.6	*	0.0	10.7	*	11.1	14.3	*
Transient Cerebral Ischemia.....	19	0.0	1.5	*	0.0	3.3	*	5.3	5.2	*
Stroke.....	24	16.7	16.9	*	16.7	22.0	*	29.2	26.0	*
Hip Fracture.....	35	2.9	7.4	*	14.3	13.5	*	14.3	17.6	*
Sepsis.....	9	11.1	16.1	*	22.2	22.3	*	22.2	28.0	*
PROCEDURES:										
Angioplasty.....	1	100.0	8.3	*	100.0	9.3	*	100.0	10.5	*
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	12	0.0	1.8	*	0.0	3.8	*	0.0	5.8	*
Carotid Endarterectomy.....	3	0.0	1.6	*	0.0	3.2	*	0.0	4.7	*
Hip Replacement/Reconstruction.....	24	0.0	5.2	*	8.3	9.8	*	8.3	13.0	*
Open Reduction of Hip Fracture.....	14	7.1	6.3	*	14.3	12.2	*	14.3	16.2	*
Prostatectomy.....	12	0.0	0.5	*	0.0	1.3	*	0.0	2.3	*
Cholecystectomy.....	13	0.0	1.7	*	7.7	3.0	*	7.7	3.9	*
Hysterectomy.....	5	0.0	1.9	*	0.0	4.3	*	0.0	6.6	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: Health Care Financing Administration (OSCAR) - 1988

Total Beds..... 131
Ownership/Control..... Church

STAFFING:

Medical Residents/Interns..... 0
Registered Nurses..... 87
Licensed Practical Nurses..... 28

SPECIALTY SERVICES:

Burn Unit..... No
Coronary Care Unit..... No
Hospice..... No
Intensive Care Unit..... Yes
Organ Transplant..... No
Rehabilitation..... Yes
Shock Trauma..... No

** Not used in calculating hospital mortality rates.

SAMARITAN HOSPITAL NORTH

Medicare Provider Number: 160053

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	885	8.6	7.8	1.5	13.3	11.8	2.1	16.4	15.2	2.2
CONDITIONS:										
Acute Myocardial Infarction.....	29	17.2	22.9	*	20.7	26.1	*	20.7	29.4	*
Congestive Heart Failure.....	36	27.8	16.6	*	30.6	26.1	*	30.6	33.6	*
Pneumonia/Influenza.....	49	16.3	16.9	*	20.4	23.3	*	24.5	28.2	*
Chronic Obstructive Pulmonary Disease.....	26	7.7	7.5	*	11.5	12.3	*	15.4	16.4	*
Transient Cerebral Ischemia.....	9	0.0	2.3	*	0.0	5.1	*	11.1	8.0	*
Stroke.....	33	15.2	20.1	*	27.3	26.1	*	33.3	30.9	*
Hip Fracture.....	26	3.8	5.5	*	3.8	9.9	*	3.8	12.9	*
Sepsis.....	10	10.0	15.7	*	10.0	21.4	*	20.0	26.0	*
PROCEDURE:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	8	0.0	3.1	*	0.0	6.4	*	0.0	9.4	*
Carotid Endarterectomy.....	6	0.0	1.3	*	0.0	2.4	*	0.0	3.5	*
Hip Replacement/Reconstruction.....	13	0.0	3.0	*	0.0	5.6	*	0.0	7.3	*
Open Reduction of Hip Fracture.....	19	5.3	4.8	*	5.3	9.1	*	5.3	12.1	*
Prostatectomy.....	17	0.0	1.0	*	0.0	2.4	*	0.0	3.9	*
Cholecystectomy.....	11	0.0	1.4	*	18.2	2.5	*	18.2	3.3	*
Hysterectomy.....	5	0.0	0.4	*	0.0	0.8	*	0.0	1.1	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	919	10.7	8.1	1.2	15.3	12.3	1.4	18.1	15.8	1.5
CONDITIONS:										
Acute Myocardial Infarction.....	37	37.8	26.7	*	43.2	30.4	*	45.9	34.1	*
Congestive Heart Failure.....	53	13.2	15.7	6.5	26.4	23.7	7.4	34.0	30.3	7.9
Pneumonia/Influenza.....	52	21.2	14.7	11.2	28.8	20.2	12.6	32.7	24.7	11.9
Chronic Obstructive Pulmonary Disease.....	24	8.3	6.1	*	12.5	11.5	*	25.0	16.1	*
Transient Cerebral Ischemia.....	16	0.0	1.7	*	0.0	3.6	*	0.0	5.6	*
Stroke.....	36	19.4	19.4	*	22.2	25.6	*	27.8	30.2	*
Hip Fracture.....	24	4.2	5.6	*	4.2	10.4	*	4.2	13.6	*
Sepsis.....	12	16.7	24.2	*	25.0	31.7	*	41.7	37.3	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	3	0.0	5.0	*	0.0	9.2	*	0.0	12.3	*
Carotid Endarterectomy.....	7	0.0	2.3	*	0.0	4.4	*	0.0	6.3	*
Hip Replacement/Reconstruction.....	14	0.0	4.7	*	0.0	8.9	*	0.0	11.6	*
Open Reduction of Hip Fracture.....	10	10.0	4.8	*	10.0	9.7	*	10.0	13.1	*
Prostatectomy.....	21	0.0	1.2	*	0.0	3.0	*	0.0	5.1	*
Cholecystectomy.....	23	4.3	1.6	*	4.3	2.8	*	4.3	3.7	*
Hysterectomy.....	7	14.3	1.2	*	14.3	2.8	*	14.3	4.5	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

SAMARITAN HOSPITAL SOUTH

638 S Bluff Blvd

Clinton, IA 52732

Medicare Provider Number: 160080

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	886	7.9	6.7	1.7	13.2	10.3	1.4	15.8	13.4	1.4
CONDITIONS:										
Acute Myocardial Infarction.....	24	37.5	23.7	*	41.7	26.7	*	45.8	30.2	*
Congestive Heart Failure.....	35	20.0	14.6	*	25.7	22.9	*	25.7	29.9	*
Pneumonia/Influenza.....	46	19.6	15.7	*	32.6	21.6	*	39.1	26.2	*
Chronic Obstructive Pulmonary Disease.....	10	0.0	10.3	*	10.0	15.0	*	10.0	19.2	*
Transient Cerebral Ischemia.....	13	0.0	1.7	*	7.7	3.9	*	7.7	6.3	*
Stroke.....	32	18.8	19.1	*	21.9	24.8	*	21.9	29.2	*
Hip Fracture.....	37	2.7	5.1	*	13.5	9.3	*	16.2	12.2	*
Sepsis.....	5	20.0	26.8	*	40.0	34.5	*	40.0	40.1	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	4	0.0	1.8	*	0.0	4.0	*	0.0	6.4	*
Carotid Endarterectomy.....	1	0.0	1.8	*	0.0	3.1	*	0.0	4.6	*
Hip Replacement/Reconstruction.....	27	0.0	3.4	*	3.7	6.7	*	3.7	9.2	*
Open Reduction of Hip Fracture.....	12	0.0	5.9	*	16.7	10.7	*	16.7	13.8	*
Prostatectomy.....	8	0.0	0.7	*	12.5	1.8	*	12.5	3.1	*
Cholecystectomy.....	18	0.0	2.5	*	0.0	4.7	*	0.0	6.6	*
Hysterectomy.....	5	0.0	0.1	*	0.0	0.2	*	0.0	0.3	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 298
 Occupancy Rate..... 42
 Ownership/Control..... Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 62
 Percent of Physicians Board Certified Specialists..... 71
 Medical Residents/Interns..... 0
 Registered Nurses..... 193
 Licensed Practical Nurses..... 28

SPECIALTY SERVICES:

Burn Unit..... No
 Cardiac Intensive Care..... No
 Comprehensive Geriatric..... No
 Hospice Care..... No
 Medical/Surgical Intensive Care..... No
 Organ/Tissue Transplant..... No
 Other Intensive Care..... No
 Rehabilitation Unit..... No
 Trauma Center..... No

** Not used in calculating hospital mortality rates.

SAMARITAN HOSPITAL SOUTH

Medicare Provider Number: 160080

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	678	8.8	7.8	1.6	13.7	11.8	2.3	17.7	15.2	2.8
CONDITIONS:										
Acute Myocardial Infarction.....	17	17.6	29.2	*	29.4	32.9	*	29.4	36.8	*
Congestive Heart Failure.....	26	15.4	14.5	*	23.1	22.0	*	23.1	28.5	*
Pneumonia/Influenza.....	36	13.9	16.0	*	16.7	22.3	*	27.8	27.1	*
Chronic Obstructive Pulmonary Disease.....	7	14.3	19.1	*	14.3	29.1	*	14.3	36.6	*
Transient Cerebral Ischemia.....	5	0.0	1.6	*	0.0	3.3	*	0.0	5.2	*
Stroke.....	24	29.2	22.7	*	29.2	28.6	*	41.7	33.1	*
Hip Fracture.....	25	4.0	5.4	*	8.0	9.9	*	12.0	12.7	*
Sepsis.....	9	22.2	20.0	*	33.3	26.4	*	55.6	31.9	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	2	0.0	2.6	*	0.0	4.5	*	50.0	6.5	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	11	0.0	3.5	*	0.0	6.9	*	9.1	9.1	*
Open Reduction of Hip Fracture.....	12	8.3	5.1	*	8.3	9.6	*	8.3	12.6	*
Prostatectomy.....	7	0.0	0.5	*	0.0	1.1	*	0.0	1.8	*
Cholecystectomy.....	14	0.0	1.3	*	0.0	2.2	*	0.0	2.9	*
Hysterectomy.....	10	0.0	0.2	*	0.0	0.3	*	0.0	0.4	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	741	10.3	7.7	1.7	14.2	11.9	1.7	17.5	15.5	2.1
CONDITIONS:										
Acute Myocardial Infarction.....	33	24.2	25.3	*	33.3	28.5	*	39.4	32.0	*
Congestive Heart Failure.....	34	38.2	15.7	*	41.2	24.3	*	47.1	31.4	*
Pneumonia/Influenza.....	42	19.0	14.5	*	23.8	19.7	*	28.6	24.1	*
Chronic Obstructive Pulmonary Disease.....	7	28.6	8.5	*	28.6	14.5	*	28.6	19.4	*
Transient Cerebral Ischemia.....	15	0.0	1.8	*	0.0	4.1	*	0.0	6.5	*
Stroke.....	28	14.3	19.7	*	21.4	25.9	*	28.6	30.7	*
Hip Fracture.....	17	5.9	6.3	*	11.8	11.3	*	17.6	14.7	*
Sepsis.....	4	75.0	33.8	*	75.0	51.6	*	75.0	63.2	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	1	0.0	1.2	*	0.0	2.7	*	0.0	3.9	*
Carotid Endarterectomy.....	2	0.0	2.0	*	50.0	3.8	*	50.0	5.6	*
Hip Replacement/Reconstruction.....	7	0.0	5.1	*	0.0	9.4	*	0.0	12.2	*
Open Reduction of Hip Fracture.....	11	9.1	5.0	*	9.1	9.5	*	18.2	12.5	*
Prostatectomy.....	12	0.0	1.0	*	0.0	2.4	*	8.3	4.1	*
Cholecystectomy.....	24	4.2	3.5	*	4.2	6.4	*	12.5	8.3	*
Hysterectomy.....	7	14.3	0.4	*	14.3	0.8	*	14.3	1.3	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

SARTORI MEMORIAL HOSPITAL

6th & College
Cedar Falls, IA 50613

Medicare Provider Number: 160040

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	675	10.5	10.0	1.6	15.1	14.7	1.6	19.1	18.5	1.7
CONDITIONS:										
Acute Myocardial Infarction.....	21	57.1	37.9	*	61.9	41.7	*	61.9	45.4	*
Congestive Heart Failure.....	26	11.5	17.4	*	23.1	26.3	*	30.8	33.5	*
Pneumonia/Influenza.....	29	20.7	18.6	*	34.5	24.9	*	34.5	29.8	*
Chronic Obstructive Pulmonary Disease.....	9	0.0	5.0	*	0.0	9.7	*	11.1	14.2	*
Transient Cerebral Ischemia.....	13	0.0	1.9	*	15.4	3.9	*	15.4	6.2	*
Stroke.....	42	19.0	23.1	*	21.4	28.9	*	23.8	33.4	*
Hip Fracture.....	22	9.1	5.7	*	9.1	10.1	*	13.6	13.1	*
Sepsis.....	8	25.0	27.9	*	37.5	36.3	*	37.5	42.5	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	1	100.0	2.6	*	100.0	6.1	*	100.0	9.5	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	12	0.0	3.1	*	0.0	5.8	*	0.0	7.9	*
Open Reduction of Hip Fracture.....	12	0.0	4.8	*	0.0	9.2	*	8.3	12.1	*
Prostatectomy.....	25	0.0	1.3	*	4.0	3.2	*	8.0	5.6	*
Cholecystectomy.....	17	5.9	2.5	*	5.9	4.6	*	5.9	6.2	*
Hysterectomy.....	3	0.0	0.6	*	0.0	1.4	*	0.0	2.2	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 101
Occupancy Rate..... 41
Ownership/Control..... Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 56
Percent of Physicians Board Certified Specialists..... 79
Medical Residents/Interns..... 0
Registered Nurses..... 66
Licensed Practical Nurses..... 14

SPECIALTY SERVICES:

Burn Unit..... No
Cardiac Intensive Care..... No
Comprehensive Geriatric..... No
Hospice Care..... Yes
Medical/Surgical Intensive Care..... Yes
Organ/Tissue Transplant..... No
Other Intensive Care..... No
Rehabilitation Unit..... No
Trauma Center..... No

** Not used in calculating hospital mortality rates.

SARTORI MEMORIAL HOSPITAL

Medicare Provider Number: 160040

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	610	11.3	9.8	2.0	17.4	14.2	2.6	19.8	17.7	2.3
CONDITIONS:										
Acute Myocardial Infarction.....	30	30.0	33.3	*	36.7	36.6	*	36.7	40.3	*
Congestive Heart Failure.....	16	25.0	18.5	*	37.5	27.3	*	43.8	34.2	*
Pneumonia/Influenza.....	26	15.4	18.3	*	26.9	25.0	*	30.8	29.9	*
Chronic Obstructive Pulmonary Disease.....	10	20.0	5.8	*	30.0	10.9	*	40.0	15.7	*
Transient Cerebral Ischemia.....	18	0.0	2.4	*	0.0	5.4	*	0.0	8.7	*
Stroke.....	25	32.0	23.5	*	40.0	29.5	*	44.0	34.2	*
Hip Fracture.....	24	16.7	6.9	*	25.0	12.2	*	25.0	15.6	*
Sepsis.....	6	0.0	25.1	*	16.7	32.4	*	16.7	37.7	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	3	0.0	12.0	*	0.0	15.2	*	0.0	17.9	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	13	15.4	3.7	*	30.8	6.9	*	30.8	9.0	*
Open Reduction of Hip Fracture.....	8	25.0	7.2	*	25.0	13.6	*	25.0	17.7	*
Prostatectomy.....	28	0.0	0.9	*	0.0	2.1	*	0.0	3.4	*
Cholecystectomy.....	16	0.0	2.0	*	0.0	3.9	*	0.0	5.6	*
Hysterectomy.....	6	0.0	0.5	*	0.0	0.8	*	0.0	1.1	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	704	9.4	9.3	1.2	13.5	13.6	1.3	17.5	17.2	1.5
CONDITIONS:										
Acute Myocardial Infarction.....	32	18.8	32.3	*	21.9	36.1	*	25.0	40.1	*
Congestive Heart Failure.....	31	12.9	20.8	*	25.8	30.6	*	45.2	38.3	*
Pneumonia/Influenza.....	31	16.1	18.8	*	22.6	25.0	*	25.8	30.1	*
Chronic Obstructive Pulmonary Disease.....	6	0.0	5.9	*	0.0	10.7	*	0.0	15.0	*
Transient Cerebral Ischemia.....	15	0.0	2.8	*	0.0	6.3	*	6.7	10.2	*
Stroke.....	23	56.5	21.7	*	60.9	28.0	*	69.6	32.9	*
Hip Fracture.....	22	4.5	6.3	*	18.2	11.5	*	18.2	15.0	*
Sepsis.....	6	33.3	31.1	*	33.3	35.7	*	50.0	40.5	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	5	0.0	1.4	*	0.0	3.1	*	0.0	4.8	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	20	0.0	2.4	*	5.0	5.1	*	5.0	7.4	*
Open Reduction of Hip Fracture.....	10	10.0	4.6	*	20.0	8.8	*	20.0	11.8	*
Prostatectomy.....	32	0.0	0.7	*	0.0	1.7	*	3.1	2.9	*
Cholecystectomy.....	12	0.0	1.6	*	0.0	2.8	*	0.0	3.8	*
Hysterectomy.....	6	16.7	1.9	*	16.7	4.7	*	16.7	7.3	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

SHELBY COUNTY MYRTUE MEMORIAL HOSPITAL

1213 Garfield Avenue

Harlan, IA 51537

Medicare Provider Number: 160031

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	453	11.7	10.7	1.8	15.7	15.9	1.8	19.4	20.0	2.0
CONDITIONS:										
Acute Myocardial Infarction.....	22	22.7	27.3	*	27.3	30.7	*	31.8	34.2	*
Congestive Heart Failure.....	28	7.1	13.4	*	10.7	21.5	*	17.9	28.3	*
Pneumonia/Influenza.....	56	17.9	17.3	5.1	19.6	24.2	6.4	25.0	29.3	7.2
Chronic Obstructive Pulmonary Disease.....	0									
Transient Cerebral Ischemia.....	5	0.0	1.8	*	0.0	3.8	*	0.0	6.0	*
Stroke.....	21	9.5	22.4	*	28.6	30.2	*	33.3	35.3	*
Hip Fracture.....	9	22.2	6.2	*	22.2	11.6	*	33.3	15.6	*
Sepsis.....	7	28.6	23.9	*	28.6	33.5	*	28.6	40.9	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	1	0.0	4.3	*	0.0	7.6	*	0.0	10.7	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	2	100.0	4.0	*	100.0	9.4	*	100.0	14.7	*
Open Reduction of Hip Fracture.....	5	0.0	6.6	*	0.0	12.4	*	0.0	16.1	*
Prostatectomy.....	11	0.0	0.3	*	0.0	0.8	*	0.0	1.3	*
Cholecystectomy.....	6	0.0	1.0	*	0.0	2.0	*	0.0	2.6	*
Hysterectomy.....	2	0.0	0.1	*	0.0	0.1	*	0.0	0.2	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 52
 Occupancy Rate..... 50
 Ownership/Control..... Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 6
 Percent of Physicians Board Certified Specialists..... 100
 Medical Residents/Interns..... 0
 Registered Nurses..... 37
 Licensed Practical Nurses..... 16

SPECIALTY SERVICES:

Burn Unit..... No
 Cardiac Intensive Care..... No
 Comprehensive Geriatric..... Yes
 Hospice Care..... No
 Medical/Surgical Intensive Care..... Yes
 Organ/Tissue Transplant..... No
 Other Intensive Care..... No
 Rehabilitation Unit..... No
 Trauma Center..... No

** Not used in calculating hospital mortality rates.

SHELBY COUNTY MYRTUE MEMORIAL HOSPITAL

Medicare Provider Number: 160031

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	509	10.4	9.8	1.4	15.5	14.7	1.9	18.3	18.6	1.7
CONDITIONS:										
Acute Myocardial Infarction.....	20	45.0	29.1	*	45.0	33.0	*	45.0	36.5	*
Congestive Heart Failure.....	34	11.8	16.8	*	20.6	26.1	*	23.5	33.6	*
Pneumonia/Influenza.....	35	20.0	17.6	*	28.6	24.0	*	31.4	28.9	*
Chronic Obstructive Pulmonary Disease.....	3	0.0	5.8	*	33.3	12.0	*	66.7	17.5	*
Transient Cerebral Ischemia.....	12	0.0	1.9	*	16.7	4.5	*	25.0	7.5	*
Stroke.....	22	22.7	23.2	*	31.8	30.7	*	40.9	35.8	*
Hip Fracture.....	9	11.1	4.3	*	22.2	8.5	*	22.2	11.5	*
Sepsis.....	4	0.0	20.6	*	0.0	26.4	*	0.0	32.3	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	1	0.0	4.7	*	0.0	7.6	*	0.0	10.5	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	6	16.7	4.2	*	33.3	8.7	*	33.3	12.0	*
Open Reduction of Hip Fracture.....	1	0.0	2.9	*	0.0	5.7	*	0.0	7.8	*
Prostatectomy.....	16	0.0	0.9	*	0.0	2.3	*	0.0	3.8	*
Cholecystectomy.....	3	0.0	1.2	*	0.0	1.9	*	0.0	2.5	*
Hysterectomy.....	4	25.0	0.6	*	25.0	1.3	*	25.0	2.1	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	418	9.8	8.8	1.7	14.4	13.6	1.7	16.5	17.4	2.0
CONDITIONS:										
Acute Myocardial Infarction.....	12	8.3	28.5	*	8.3	31.2	*	8.3	34.1	*
Congestive Heart Failure.....	28	10.7	13.0	*	14.3	19.9	*	17.9	25.9	*
Pneumonia/Influenza.....	36	5.6	15.7	*	11.1	22.4	*	13.9	27.7	*
Chronic Obstructive Pulmonary Disease.....	1	0.0	9.8	*	0.0	16.7	*	0.0	22.2	*
Transient Cerebral Ischemia.....	10	10.0	2.0	*	10.0	4.7	*	10.0	7.4	*
Stroke.....	18	38.9	23.0	*	44.4	31.1	*	44.4	36.4	*
Hip Fracture.....	12	0.0	7.2	*	0.0	13.1	*	0.0	16.8	*
Sepsis.....	2	50.0	14.0	*	50.0	22.9	*	50.0	27.8	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	1	0.0	4.7	*	0.0	8.3	*	0.0	11.2	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	5	0.0	5.5	*	0.0	10.7	*	0.0	14.2	*
Open Reduction of Hip Fracture.....	3	0.0	8.5	*	0.0	15.7	*	0.0	20.2	*
Prostatectomy.....	13	0.0	1.2	*	0.0	2.9	*	0.0	4.7	*
Cholecystectomy.....	12	0.0	4.5	*	0.0	7.5	*	0.0	10.0	*
Hysterectomy.....	4	0.0	0.4	*	0.0	0.7	*	0.0	0.9	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

SHENANDOAH MEMORIAL HOSPITAL

300 Pershing Ave
Shenandoah, IA 51601

Medicare Provider Number: 160092

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	344	4.7	7.7	3.0	10.2	12.0	3.1	13.4	15.6	3.4
CONDITIONS:										
Acute Myocardial Infarction.....	5	40.0	26.2	*	40.0	29.5	*	40.0	33.3	*
Congestive Heart Failure.....	18	16.7	17.1	*	16.7	25.7	*	22.2	32.9	*
Pneumonia/Influenza.....	30	6.7	15.0	*	10.0	20.3	*	13.3	24.8	*
Chronic Obstructive Pulmonary Disease.....	3	0.0	4.6	*	0.0	7.3	*	0.0	9.9	*
Transient Cerebral Ischemia.....	10	0.0	2.3	*	0.0	5.4	*	0.0	8.7	*
Stroke.....	7	14.3	27.2	*	14.3	36.5	*	42.9	42.2	*
Hip Fracture.....	15	6.7	7.3	*	6.7	13.1	*	6.7	17.4	*
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	5	0.0	5.9	*	0.0	10.6	*	0.0	14.0	*
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	9	0.0	0.7	*	0.0	1.5	*	0.0	2.4	*
Cholecystectomy.....	3	0.0	1.3	*	0.0	1.8	*	0.0	2.3	*
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1988

Total Beds..... 106
Occupancy Rate..... 69
Ownership/Control..... Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 11
Percent of Physicians Board Certified Specialists..... 100
Medical Residents/Interns..... 0
Registered Nurses..... 27
Licensed Practical Nurses..... 12

SPECIALTY SERVICES:

Burn Unit..... No
Cardiac Intensive Care..... No
Comprehensive Geriatric..... No
Hospice Care..... No
Medical/Surgical Intensive Care..... Yes
Organ/Tissue Transplant..... No
Other Intensive Care..... No
Rehabilitation Unit..... No
Trauma Center..... No

** Not used in calculating hospital mortality rates.

SHENANDOAH MEMORIAL HOSPITAL

Medicare Provider Number: 160092

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	303	6.9	9.7	2.5	11.6	14.2	2.6	14.2	17.8	3.1
CONDITIONS:										
Acute Myocardial Infarction.....	3	0.0	22.8	*	0.0	25.4	*	0.0	29.1	*
Congestive Heart Failure.....	9	11.1	14.7	*	44.4	21.4	*	44.4	27.8	*
Pneumonia/Influenza.....	11	9.1	23.0	*	18.2	31.5	*	36.4	37.2	*
Chronic Obstructive Pulmonary Disease.....	9	0.0	7.8	*	0.0	13.1	*	0.0	17.9	*
Transient Cerebral Ischemia.....	6	0.0	2.1	*	0.0	4.6	*	0.0	7.4	*
Stroke.....	15	6.7	25.1	*	13.3	32.5	*	13.3	37.7	*
Hip Fracture.....	4	0.0	8.1	*	0.0	14.1	*	25.0	17.4	*
Sepsis.....	1	0.0	6.1	*	0.0	8.7	*	0.0	11.9	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	3	0.0	3.6	*	0.0	6.4	*	0.0	8.8	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	1	0.0	9.8	*	0.0	17.8	*	0.0	22.3	*
Prostatectomy.....	17	0.0	0.5	*	0.0	1.3	*	0.0	2.2	*
Cholecystectomy.....	7	0.0	1.7	*	0.0	2.9	*	0.0	3.6	*
Hysterectomy.....	1	0.0	0.2	*	0.0	0.4	*	0.0	0.5	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	348	10.3	8.8	2.0	13.5	13.3	2.3	17.0	17.0	2.4
CONDITIONS:										
Acute Myocardial Infarction.....	8	37.5	25.5	*	37.5	30.2	*	37.5	34.6	*
Congestive Heart Failure.....	12	8.3	13.1	*	8.3	19.3	*	8.3	25.0	*
Pneumonia/Influenza.....	21	28.6	17.4	*	33.3	23.4	*	42.9	28.5	*
Chronic Obstructive Pulmonary Disease.....	7	0.0	6.0	*	0.0	9.8	*	0.0	13.6	*
Transient Cerebral Ischemia.....	5	0.0	1.6	*	0.0	3.3	*	0.0	5.2	*
Stroke.....	10	20.0	25.6	*	30.0	31.9	*	30.0	36.5	*
Hip Fracture.....	11	0.0	5.4	*	9.1	9.9	*	9.1	13.0	*
Sepsis.....	3	0.0	29.3	*	0.0	35.7	*	33.3	41.6	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	3	0.0	3.9	*	0.0	7.9	*	0.0	11.8	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	5	0.0	4.3	*	20.0	8.2	*	20.0	11.0	*
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	8	12.5	0.9	*	12.5	2.2	*	12.5	4.0	*
Cholecystectomy.....	1	0.0	0.8	*	0.0	1.4	*	0.0	1.8	*
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

SIoux VALLEY MEMORIAL HOSPITAL

300 Sioux Valley Dr
Cherokee, IA 51012

Medicare Provider Number: 160003

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	424	9.9	9.6	1.5	14.4	14.4	1.8	17.9	18.2	1.9
CONDITIONS:										
Acute Myocardial Infarction.....	20	35.0	31.1	*	40.0	35.1	*	40.0	39.2	*
Congestive Heart Failure.....	35	14.3	15.3	*	25.7	23.5	*	28.6	30.4	*
Pneumonia/Influenza.....	20	10.0	15.7	*	10.0	21.5	*	20.0	26.1	*
Chronic Obstructive Pulmonary Disease.....	4	0.0	4.5	*	0.0	8.2	*	0.0	11.9	*
Transient Cerebral Ischemia.....	7	0.0	1.7	*	0.0	3.9	*	14.3	6.2	*
Stroke.....	26	30.8	20.9	*	30.8	27.1	*	34.6	31.8	*
Hip Fracture.....	7	14.3	5.7	*	28.6	10.9	*	28.6	14.9	*
Sepsis.....	7	14.3	30.7	*	14.3	40.9	*	28.6	48.8	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	3	0.0	4.1	*	0.0	7.5	*	0.0	9.9	*
Prostatectomy.....	0									
Cholecystectomy.....	7	0.0	1.7	*	14.3	2.8	*	14.3	3.6	*
Hysterectomy.....	1	0.0	0.9	*	0.0	1.5	*	0.0	2.0	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 67
Occupancy Rate..... 40
Ownership/Control..... Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 9
Percent of Physicians Board Certified Specialists..... 44
Medical Residents/Interns..... 0
Registered Nurses..... 32
Licensed Practical Nurses..... 8

SPECIALTY SERVICES:

Burn Unit..... No
Cardiac Intensive Care..... No
Comprehensive Geriatric..... No
Hospice Care..... No
Medical/Surgical Intensive Care..... Yes
Organ/Tissue Transplant..... No
Other Intensive Care..... No
Rehabilitation Unit..... No
Trauma Center..... No

** Not used in calculating hospital mortality rates.

SIOUX VALLEY MEMORIAL HOSPITAL

Medicare Provider Number: 160003

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	452	15.3	10.7	2.1	20.6	15.1	2.5	23.5	18.6	2.4
CONDITIONS:										
Acute Myocardial Infarction.....	26	50.0	30.9	*	53.8	34.3	*	53.8	37.9	*
Congestive Heart Failure.....	29	27.6	16.9	*	41.4	24.5	*	55.2	31.0	*
Pneumonia/Influenza.....	27	40.7	18.5	*	51.9	25.4	*	55.6	30.4	*
Chronic Obstructive Pulmonary Disease.....	3	0.0	3.4	*	33.3	6.9	*	33.3	10.2	*
Transient Cerebral Ischemia.....	4	0.0	1.9	*	0.0	4.0	*	0.0	6.2	*
Stroke.....	30	36.7	21.1	*	53.3	27.1	*	53.3	31.8	*
Hip Fracture.....	13	7.7	6.0	*	15.4	10.9	*	23.1	14.2	*
Sepsis.....	7	28.6	24.8	*	28.6	31.4	*	28.6	37.3	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	5	0.0	5.2	*	20.0	9.7	*	40.0	12.9	*
Prostatectomy.....	0									
Cholecystectomy.....	12	8.3	1.7	*	8.3	2.9	*	8.3	3.7	*
Hysterectomy.....	2	0.0	0.7	*	0.0	1.7	*	0.0	2.5	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	471	10.6	9.7	1.6	15.1	13.8	1.8	17.8	17.5	1.8
CONDITIONS:										
Acute Myocardial Infarction.....	25	36.0	27.4	*	40.0	31.2	*	40.0	35.0	*
Congestive Heart Failure.....	30	23.3	15.6	*	33.3	24.1	*	40.0	31.4	*
Pneumonia/Influenza.....	18	22.2	14.4	*	33.3	20.1	*	33.3	24.8	*
Chronic Obstructive Pulmonary Disease.....	10	10.0	8.1	*	20.0	13.7	*	20.0	18.2	*
Transient Cerebral Ischemia.....	7	0.0	2.0	*	0.0	4.3	*	0.0	6.9	*
Stroke.....	34	20.6	18.6	*	29.4	24.5	*	29.4	29.3	*
Hip Fracture.....	6	0.0	4.8	*	0.0	8.8	*	0.0	11.7	*
Sepsis.....	12	8.3	27.9	*	25.0	33.5	*	25.0	39.3	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	1	0.0	3.2	*	0.0	6.3	*	0.0	8.7	*
Prostatectomy.....	0									
Cholecystectomy.....	10	20.0	2.5	*	20.0	4.5	*	20.0	6.0	*
Hysterectomy.....	1	0.0	0.6	*	0.0	0.7	*	100.0	0.8	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

SKIFF MEDICAL CENTER204 N 4th Ave E
Newton, IA 50208

Medicare Provider Number: 160032

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	501	10.4	9.4	1.6	16.6	14.3	2.0	19.0	18.3	1.8
CONDITIONS:										
Acute Myocardial Infarction.....	10	40.0	27.3	*	40.0	30.2	*	40.0	33.6	*
Congestive Heart Failure.....	33	9.1	17.8	*	18.2	27.0	*	18.2	34.1	*
Pneumonia/Influenza.....	43	20.9	18.7	*	34.9	25.1	*	39.5	30.0	*
Chronic Obstructive Pulmonary Disease.....	12	16.7	8.5	*	25.0	14.2	*	25.0	19.2	*
Transient Cerebral Ischemia.....	6	0.0	3.2	*	0.0	8.0	*	16.7	13.4	*
Stroke.....	19	36.8	22.7	*	36.8	28.1	*	36.8	32.6	*
Hip Fracture.....	1	0.0	18.2	*	0.0	36.2	*	0.0	48.0	*
Sepsis.....	4	50.0	26.2	*	50.0	32.5	*	50.0	39.2	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	17	0.0	1.2	*	0.0	2.9	*	0.0	4.7	*
Cholecystectomy.....	11	0.0	5.2	*	9.1	9.5	*	9.1	12.0	*
Hysterectomy.....	2	0.0	0.0	*	0.0	0.1	*	0.0	0.2	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS ****SOURCE:** American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 61
 Occupancy Rate..... 67
 Ownership/Control..... Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 11
 Percent of Physicians Board Certified Specialists..... 73
 Medical Residents/Interns..... 0
 Registered Nurses..... 51
 Licensed Practical Nurses..... 7

SPECIALTY SERVICES:

Burn Unit..... No
 Cardiac Intensive Care..... No
 Comprehensive Geriatric..... No
 Hospice Care..... Yes
 Medical/Surgical Intensive Care..... Yes
 Organ/Tissue Transplant..... No
 Other Intensive Care..... No
 Rehabilitation Unit..... No
 Trauma Center..... No

** Not used in calculating hospital mortality rates.

SKIFF MEDICAL CENTER
Medicare Provider Number: 160032

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	473	11.2	10.2	1.8	16.7	15.3	1.8	21.4	19.4	2.4
CONDITIONS:										
Acute Myocardial Infarction.....	21	38.1	32.8	*	42.9	36.6	*	42.9	40.5	*
Congestive Heart Failure.....	20	15.0	16.2	*	25.0	25.6	*	45.0	33.2	*
Pneumonia/Influenza.....	49	20.4	18.8	*	30.6	25.8	*	36.7	30.7	*
Chronic Obstructive Pulmonary Disease.....	8	12.5	9.7	*	25.0	16.0	*	25.0	21.7	*
Transient Cerebral Ischemia.....	6	16.7	3.1	*	16.7	7.6	*	16.7	12.6	*
Stroke.....	11	27.3	24.8	*	36.4	32.9	*	36.4	38.2	*
Hip Fracture.....	1	100.0	8.3	*	100.0	16.7	*	100.0	22.5	*
Sepsis.....	6	33.3	35.5	*	33.3	40.9	*	33.3	47.1	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	22	0.0	0.9	*	0.0	2.2	*	0.0	3.6	*
Cholecystectomy.....	11	0.0	2.6	*	0.0	4.7	*	0.0	5.9	*
Hysterectomy.....	3	33.3	0.4	*	33.3	0.9	*	33.3	1.4	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	444	11.9	8.7	1.6	15.3	13.3	1.7	19.1	17.1	1.9
CONDITIONS:										
Acute Myocardial Infarction.....	9	11.1	30.7	*	11.1	34.1	*	22.2	37.8	*
Congestive Heart Failure.....	42	31.0	17.7	*	31.0	26.0	*	38.1	32.9	*
Pneumonia/Influenza.....	29	24.1	15.5	*	34.5	21.4	*	41.4	26.1	*
Chronic Obstructive Pulmonary Disease.....	11	9.1	11.9	*	18.2	20.7	*	18.2	26.4	*
Transient Cerebral Ischemia.....	7	0.0	1.8	*	0.0	4.2	*	0.0	6.8	*
Stroke.....	20	40.0	22.2	*	40.0	29.0	*	45.0	33.7	*
Hip Fracture.....	1	0.0	3.1	*	0.0	6.6	*	0.0	9.6	*
Sepsis.....	1	100.0	43.0	*	100.0	48.8	*	100.0	55.0	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	15	0.0	0.9	*	0.0	2.1	*	0.0	3.5	*
Cholecystectomy.....	13	15.4	3.6	*	23.1	6.7	*	23.1	8.9	*
Hysterectomy.....	1	0.0	7.8	*	0.0	16.4	*	0.0	23.9	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

SPENCER MUNICIPAL HOSPITAL

114 E 12th St
Spencer, IA 51301

Medicare Provider Number: 160112

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	815	7.2	6.2	1.1	9.6	9.7	1.1	12.1	12.7	1.3
CONDITIONS:										
Acute Myocardial Infarction.....	24	37.5	26.5	*	37.5	29.7	*	41.7	33.2	*
Congestive Heart Failure.....	33	30.3	14.5	*	36.4	22.7	*	42.4	29.7	*
Pneumonia/Influenza.....	30	20.0	16.2	*	20.0	22.7	*	30.0	27.9	*
Chronic Obstructive Pulmonary Disease.....	13	7.7	5.9	*	7.7	10.6	*	38.5	14.9	*
Transient Cerebral Ischemia.....	6	16.7	1.6	*	16.7	3.5	*	16.7	5.5	*
Stroke.....	22	13.6	19.3	*	18.2	25.2	*	22.7	29.7	*
Hip Fracture.....	44	9.1	5.5	*	11.4	10.5	*	13.6	14.2	*
Sepsis.....	5	0.0	17.4	*	20.0	24.0	*	20.0	29.4	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	7	14.3	3.5	*	14.3	7.1	*	14.3	10.8	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	48	4.2	2.3	*	6.3	4.5	*	8.3	6.2	*
Open Reduction of Hip Fracture.....	21	9.5	5.3	*	9.5	10.8	*	9.5	15.0	*
Prostatectomy.....	78	1.3	1.0	1.5	5.1	2.6	2.7	5.1	4.6	2.5
Cholecystectomy.....	19	5.3	2.8	*	5.3	5.1	*	5.3	6.5	*
Hysterectomy.....	10	10.0	1.2	*	10.0	2.8	*	10.0	4.2	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 96
Occupancy Rate..... 52
Ownership/Control..... Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 27
Percent of Physicians Board Certified Specialists..... 93
Medical Residents/Interns..... 0
Registered Nurses..... 73
Licensed Practical Nurses..... 8

SPECIALTY SERVICES:

Burn Unit..... No
Cardiac Intensive Care..... No
Comprehensive Geriatric..... No
Hospice Care..... Yes
Medical/Surgical Intensive Care..... Yes
Organ/Tissue Transplant..... No
Other Intensive Care..... No
Rehabilitation Unit..... No
Trauma Center..... No

** Not used in calculating hospital mortality rates.

SPENCER MUNICIPAL HOSPITAL

Medicare Provider Number: 160112

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	786	7.8	7.0	1.0	10.9	10.8	1.2	13.2	13.8	1.3
CONDITIONS:										
Acute Myocardial Infarction.....	28	28.6	28.2	*	35.7	31.5	*	39.3	34.8	*
Congestive Heart Failure.....	36	16.7	12.9	*	19.4	19.8	*	22.2	25.8	*
Pneumonia/Influenza.....	29	20.7	16.1	*	24.1	22.0	*	31.0	26.6	*
Chronic Obstructive Pulmonary Disease.....	9	11.1	6.2	*	11.1	10.9	*	11.1	14.8	*
Transient Cerebral Ischemia.....	6	0.0	2.2	*	0.0	5.2	*	0.0	8.3	*
Stroke.....	28	25.0	18.6	*	32.1	25.2	*	32.1	29.9	*
Hip Fracture.....	40	2.5	5.9	*	2.5	11.4	*	5.0	15.4	*
Sepsis.....	1	100.0	41.9	*	100.0	50.0	*	100.0	57.5	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	4	0.0	3.8	*	0.0	6.3	*	0.0	8.9	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	37	2.7	2.2	*	2.7	4.5	*	2.7	6.3	*
Open Reduction of Hip Fracture.....	20	0.0	5.5	*	0.0	10.9	*	5.0	14.7	*
Prostatectomy.....	67	1.5	0.7	1.8	4.5	1.9	3.5	7.5	3.2	5.2
Cholecystectomy.....	19	5.3	2.8	*	10.5	5.6	*	10.5	7.7	*
Hysterectomy.....	7	0.0	1.3	*	0.0	3.0	*	0.0	4.7	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	725	5.9	6.2	1.3	9.7	9.8	1.6	12.6	12.8	1.6
CONDITIONS:										
Acute Myocardial Infarction.....	23	26.1	26.2	*	34.8	29.3	*	34.8	32.8	*
Congestive Heart Failure.....	26	11.5	14.5	*	15.4	22.4	*	23.1	29.2	*
Pneumonia/Influenza.....	31	19.4	12.5	*	25.8	17.7	*	29.0	22.1	*
Chronic Obstructive Pulmonary Disease.....	12	0.0	6.8	*	8.3	12.0	*	8.3	16.5	*
Transient Cerebral Ischemia.....	3	0.0	1.3	*	0.0	2.5	*	0.0	3.9	*
Stroke.....	27	25.9	19.1	*	33.3	26.8	*	37.0	31.9	*
Hip Fracture.....	45	4.4	5.5	*	8.9	10.7	*	11.1	14.4	*
Sepsis.....	3	0.0	22.1	*	0.0	30.0	*	33.3	36.4	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	2	0.0	4.9	*	0.0	9.7	*	0.0	13.8	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	40	0.0	2.7	*	7.5	5.4	*	10.0	7.5	*
Open Reduction of Hip Fracture.....	28	7.1	4.8	*	10.7	9.6	*	14.3	13.1	*
Prostatectomy.....	92	0.0	0.6	1.1	3.3	1.6	1.9	4.3	2.8	2.7
Cholecystectomy.....	11	0.0	1.4	*	0.0	2.5	*	0.0	3.3	*
Hysterectomy.....	7	0.0	1.6	*	0.0	4.2	*	0.0	7.1	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

ST ANTHONY REGIONAL HOSPITAL

S Clark St
Carroll, IA 51401

Medicare Provider Number: 160005

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	583	5.8	6.5	1.2	9.6	10.4	1.5	12.0	13.5	2.0
CONDITIONS:										
Acute Myocardial Infarction.....	14	14.3	21.1	*	28.6	27.2	*	28.6	32.5	*
Congestive Heart Failure.....	26	11.5	13.7	*	19.2	21.5	*	19.2	28.4	*
Pneumonia/Influenza.....	35	8.6	14.8	*	11.4	20.6	*	14.3	25.1	*
Chronic Obstructive Pulmonary Disease.....	10	0.0	2.9	*	0.0	5.7	*	10.0	8.5	*
Transient Cerebral Ischemia.....	12	0.0	1.8	*	0.0	4.1	*	0.0	6.7	*
Stroke.....	12	25.0	16.9	*	33.3	22.6	*	41.7	26.6	*
Hip Fracture.....	17	5.9	6.0	*	5.9	11.1	*	5.9	14.7	*
Sepsis.....	1	0.0	7.4	*	0.0	10.9	*	0.0	14.0	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	4	0.0	1.6	*	0.0	3.7	*	0.0	6.1	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	9	0.0	3.9	*	0.0	8.0	*	0.0	11.2	*
Open Reduction of Hip Fracture.....	10	10.0	5.7	*	10.0	10.6	*	10.0	13.9	*
Prostatectomy.....	38	0.0	0.8	*	0.0	2.1	*	2.6	3.7	*
Cholecystectomy.....	22	0.0	1.4	*	4.5	2.6	*	4.5	3.5	*
Hysterectomy.....	8	0.0	0.7	*	0.0	1.7	*	0.0	2.8	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 132
Occupancy Rate..... 80
Ownership/Control..... Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 17
Percent of Physicians Board Certified Specialists..... 65
Medical Residents/Interns..... 0
Registered Nurses..... 32
Licensed Practical Nurses..... 8

SPECIALTY SERVICES:

Burn Unit..... No
Cardiac Intensive Care..... No
Comprehensive Geriatric..... No
Hospice Care..... No
Medical/Surgical Intensive Care..... Yes
Organ/Tissue Transplant..... No
Other Intensive Care..... No
Rehabilitation Unit..... No
Trauma Center..... No

** Not used in calculating hospital mortality rates.

ST ANTHONY REGIONAL HOSPITAL

Medicare Provider Number: 160005

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	537	8.2	8.0	1.4	12.7	12.4	1.4	14.9	15.8	1.9
CONDITIONS:										
Acute Myocardial Infarction.....	15	20.0	27.0	*	20.0	31.3	*	20.0	35.3	*
Congestive Heart Failure.....	35	14.3	15.3	*	22.9	23.8	*	28.6	30.7	*
Pneumonia/Influenza.....	29	6.9	12.6	*	13.8	17.3	*	17.2	21.2	*
Chronic Obstructive Pulmonary Disease.....	11	0.0	4.6	*	0.0	9.5	*	9.1	14.3	*
Transient Cerebral Ischemia.....	14	0.0	1.8	*	7.1	3.9	*	7.1	6.1	*
Stroke.....	17	23.5	24.5	*	47.1	31.3	*	47.1	36.1	*
Hip Fracture.....	26	3.8	5.8	*	7.7	10.5	*	11.5	13.4	*
Sepsis.....	2	0.0	29.3	*	0.0	39.3	*	0.0	45.5	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	5	20.0	2.6	*	20.0	4.4	*	20.0	6.4	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	10	0.0	2.9	*	10.0	5.8	*	10.0	7.8	*
Open Reduction of Hip Fracture.....	15	0.0	5.4	*	0.0	10.3	*	6.7	13.4	*
Prostatectomy.....	47	0.0	0.6	*	4.3	1.6	*	6.4	2.6	*
Cholecystectomy.....	16	0.0	2.3	*	0.0	4.5	*	0.0	6.0	*
Hysterectomy.....	3	0.0	0.2	*	0.0	0.4	*	0.0	0.6	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	540	7.0	6.7	1.7	10.9	10.2	1.5	13.5	13.1	1.6
CONDITIONS:										
Acute Myocardial Infarction.....	13	30.8	25.1	*	30.8	28.5	*	38.5	31.9	*
Congestive Heart Failure.....	25	20.0	15.8	*	32.0	23.7	*	44.0	30.7	*
Pneumonia/Influenza.....	32	18.8	16.3	*	31.3	23.0	*	37.5	28.1	*
Chronic Obstructive Pulmonary Disease.....	11	0.0	7.1	*	18.2	13.9	*	18.2	19.9	*
Transient Cerebral Ischemia.....	14	0.0	1.9	*	7.1	4.1	*	14.3	6.6	*
Stroke.....	22	22.7	17.2	*	22.7	22.7	*	22.7	26.9	*
Hip Fracture.....	19	0.0	6.4	*	10.5	12.6	*	10.5	16.8	*
Sepsis.....	2	0.0	18.0	*	0.0	22.7	*	0.0	27.7	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	2	0.0	1.1	*	0.0	2.3	*	0.0	3.6	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	16	0.0	1.3	*	0.0	2.6	*	0.0	3.7	*
Open Reduction of Hip Fracture.....	13	0.0	6.6	*	15.4	13.6	*	15.4	18.8	*
Prostatectomy.....	62	1.6	0.7	1.4	4.8	1.8	2.6	6.5	3.1	3.6
Cholecystectomy.....	22	4.5	1.6	*	9.1	2.9	*	9.1	3.7	*
Hysterectomy.....	5	0.0	0.1	*	0.0	0.3	*	0.0	0.4	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

ST JOSEPH COMMUNITY HOSPITAL

308 N Maple Ave
New Hampton, IA 50659

Medicare Provider Number: 160027

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	250	10.0	9.6	3.1	16.0	14.5	2.8	19.2	18.6	2.5
CONDITIONS:										
Acute Myocardial Infarction.....	12	50.0	30.1	*	58.3	34.8	*	58.3	38.9	*
Congestive Heart Failure.....	16	12.5	15.3	*	25.0	24.4	*	25.0	31.9	*
Pneumonia/Influenza.....	21	14.3	14.8	*	23.8	20.3	*	33.3	24.8	*
Chronic Obstructive Pulmonary Disease.....	1	0.0	9.6	*	0.0	19.7	*	0.0	29.6	*
Transient Cerebral Ischemia.....	5	0.0	1.9	*	0.0	4.3	*	0.0	7.0	*
Stroke.....	6	33.3	18.0	*	33.3	24.2	*	33.3	28.6	*
Hip Fracture.....	15	6.7	8.0	*	13.3	15.3	*	26.7	20.3	*
Sepsis.....	6	33.3	29.5	*	33.3	34.9	*	33.3	40.6	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	3	0.0	1.1	*	33.3	2.2	*	33.3	3.3	*
Hip Replacement/Reconstruction.....	9	11.1	7.0	*	22.2	13.8	*	22.2	18.7	*
Open Reduction of Hip Fracture.....	3	0.0	10.6	*	0.0	21.3	*	66.7	28.8	*
Prostatectomy.....	8	0.0	0.7	*	0.0	1.8	*	0.0	3.3	*
Cholecystectomy.....	5	0.0	2.3	*	0.0	4.0	*	0.0	5.2	*
Hysterectomy.....	1	0.0	1.1	*	0.0	2.4	*	0.0	3.3	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 50
Occupancy Rate..... 26
Ownership/Control..... Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 27
Percent of Physicians Board Certified Specialists..... 89
Medical Residents/Interns..... 0
Registered Nurses..... 32
Licensed Practical Nurses..... 3

SPECIALTY SERVICES:

Burn Unit..... No
Cardiac Intensive Care..... No
Comprehensive Geriatric..... No
Hospice Care..... No
Medical/Surgical Intensive Care..... Yes
Organ/Tissue Transplant..... No
Other Intensive Care..... No
Rehabilitation Unit..... No
Trauma Center..... No

** Not used in calculating hospital mortality rates.

ST JOSEPH COMMUNITY HOSPITAL

Medicare Provider Number: 160027

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	271	15.5	10.8	3.1	19.6	15.8	3.0	21.4	19.8	2.7
CONDITIONS:										
Acute Myocardial Infarction.....	15	33.3	32.0	*	40.0	36.0	*	40.0	39.8	*
Congestive Heart Failure.....	24	20.8	14.8	*	20.8	22.3	*	25.0	28.7	*
Pneumonia/Influenza.....	16	37.5	17.1	*	37.5	22.8	*	37.5	27.2	*
Chronic Obstructive Pulmonary Disease.....	2	50.0	16.2	*	50.0	23.2	*	50.0	28.5	*
Transient Cerebral Ischemia.....	4	0.0	3.1	*	0.0	7.2	*	0.0	11.6	*
Stroke.....	8	25.0	24.9	*	37.5	31.4	*	37.5	36.0	*
Hip Fracture.....	10	0.0	9.9	*	10.0	17.6	*	10.0	22.1	*
Sepsis.....	2	50.0	27.4	*	100.0	35.9	*	100.0	42.7	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	3	0.0	6.0	*	33.3	12.1	*	33.3	16.1	*
Open Reduction of Hip Fracture.....	1	0.0	3.2	*	0.0	6.4	*	0.0	8.7	*
Prostatectomy.....	8	0.0	0.5	*	0.0	1.1	*	0.0	1.8	*
Cholecystectomy.....	8	0.0	2.0	*	0.0	3.7	*	0.0	4.9	*
Hysterectomy.....	1	0.0	0.0	*	0.0	0.1	*	0.0	0.2	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	275	16.0	9.7	2.4	23.6	14.5	3.4	27.3	18.4	3.2
CONDITIONS:										
Acute Myocardial Infarction.....	14	28.6	22.3	*	28.6	26.2	*	28.6	29.8	*
Congestive Heart Failure.....	19	26.3	17.6	*	52.6	26.9	*	57.9	34.5	*
Pneumonia/Influenza.....	13	30.8	18.8	*	53.8	26.1	*	61.5	31.7	*
Chronic Obstructive Pulmonary Disease.....	4	75.0	12.4	*	75.0	19.9	*	75.0	25.2	*
Transient Cerebral Ischemia.....	4	0.0	1.9	*	0.0	3.8	*	0.0	5.9	*
Stroke.....	9	55.6	23.5	*	55.6	29.8	*	55.6	34.6	*
Hip Fracture.....	8	25.0	4.4	*	25.0	8.4	*	25.0	11.2	*
Sepsis.....	3	66.7	38.5	*	66.7	44.9	*	66.7	52.2	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	6	16.7	2.6	*	16.7	5.2	*	16.7	7.2	*
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	6	0.0	0.6	*	0.0	1.3	*	16.7	2.2	*
Cholecystectomy.....	7	0.0	2.5	*	0.0	4.0	*	0.0	4.9	*
Hysterectomy.....	1	0.0	0.1	*	0.0	0.1	*	0.0	0.2	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

ST JOSEPH MERCY HOSPITAL

84 Beaumont Drive
Mason City, IA 50401

Medicare Provider Number: 160064

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,542	7.6	6.8	0.8	11.6	10.7	1.0	13.8	13.9	0.7
CONDITIONS:										
Acute Myocardial Infarction.....	67	26.9	23.2	6.0	34.3	26.6	7.3	35.8	30.0	7.3
Congestive Heart Failure.....	96	14.6	14.1	3.8	25.0	21.7	5.3	32.3	28.3	8.3
Pneumonia/Influenza.....	65	23.1	14.9	6.3	35.4	20.7	9.4	36.9	25.3	8.4
Chronic Obstructive Pulmonary Disease.....	27	3.7	5.8	*	3.7	11.2	*	7.4	16.1	*
Transient Cerebral Ischemia.....	43	0.0	1.4	*	7.0	3.1	*	7.0	4.8	*
Stroke.....	95	18.9	18.9	4.1	23.2	25.2	4.8	28.4	29.6	4.8
Hip Fracture.....	103	10.7	6.1	4.2	15.5	11.0	4.8	18.4	14.4	4.3
Sepsis.....	17	35.3	22.6	*	35.3	30.6	*	35.3	36.3	*
PROCEDURES:										
Angioplasty.....	8	12.5	4.2	*	12.5	4.8	*	12.5	5.8	*
Coronary Artery Bypass Graft.....	34	8.8	4.9	*	11.8	6.6	*	11.8	7.8	*
Initial Pacemaker Insertion.....	27	3.7	4.0	*	7.4	6.6	*	14.8	9.1	*
Carotid Endarterectomy.....	8	0.0	1.5	*	0.0	2.9	*	0.0	4.3	*
Hip Replacement/Reconstruction.....	76	5.3	3.2	3.6	7.9	6.1	4.0	9.2	8.1	4.0
Open Reduction of Hip Fracture.....	37	10.8	5.5	*	16.2	10.7	*	21.6	14.4	*
Prostatectomy.....	90	0.0	0.8	1.2	0.0	1.9	2.4	2.2	3.4	2.2
Cholecystectomy.....	79	2.5	2.4	1.8	5.1	4.4	2.4	6.3	6.0	3.0
Hysterectomy.....	27	0.0	0.9	*	0.0	1.9	*	0.0	2.8	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 263
Occupancy Rate..... 64
Ownership/Control..... Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 133
Percent of Physicians Board Certified Specialists..... 70
Medical Residents/Interns..... 15
Registered Nurses..... 245
Licensed Practical Nurses..... 66

SPECIALTY SERVICES:

Burn Unit..... No
Cardiac Intensive Care..... No
Comprehensive Geriatric..... Yes
Hospice Care..... No
Medical/Surgical Intensive Care..... Yes
Organ/Tissue Transplant..... No
Other Intensive Care..... No
Rehabilitation Unit..... No
Trauma Center..... Yes

** Not used in calculating hospital mortality rates.

ST JOSEPH MERCY HOSPITAL

Medicare Provider Number: 160064

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	2,466	7.8	6.8	0.8	11.5	10.8	0.7	14.2	14.1	0.9
CONDITIONS:										
Acute Myocardial Infarction.....	59	30.5	24.5	7.0	37.3	28.4	7.6	37.3	31.9	7.7
Congestive Heart Failure.....	80	13.7	15.9	4.5	25.0	24.1	4.9	37.5	30.9	7.1
Pneumonia/Influenza.....	80	18.8	17.8	6.9	26.2	24.0	8.0	30.0	28.6	7.8
Chronic Obstructive Pulmonary Disease.....	28	14.3	7.0	*	25.0	11.9	*	28.6	16.4	*
Transient Cerebral Ischemia.....	27	3.7	1.8	*	3.7	3.9	*	3.7	6.2	*
Stroke.....	87	19.5	19.8	4.6	24.1	26.7	5.5	29.9	31.2	5.4
Hip Fracture.....	95	4.2	6.3	3.0	5.3	11.9	4.7	9.5	15.7	5.3
Sepsis.....	25	20.0	18.7	*	24.0	26.5	*	24.0	32.1	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	10	20.0	7.7	*	20.0	11.5	*	20.0	14.4	*
Carotid Endarterectomy.....	9	0.0	1.5	*	0.0	3.0	*	0.0	4.5	*
Hip Replacement/Reconstruction.....	62	0.0	2.1	*	0.0	4.1	*	0.0	5.5	*
Open Reduction of Hip Fracture.....	50	4.0	5.6	*	6.0	11.1	*	14.0	14.9	*
Prostatectomy.....	107	1.9	0.8	1.1	3.7	1.9	1.9	6.5	3.3	3.2
Cholecystectomy.....	57	5.3	3.7	2.8	5.3	6.7	3.6	7.0	8.7	4.2
Hysterectomy.....	9	0.0	0.4	*	0.0	0.6	*	0.0	0.8	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	2,474	8.2	7.2	0.6	11.4	11.2	0.7	13.7	14.4	0.7
CONDITIONS:										
Acute Myocardial Infarction.....	74	21.6	28.9	6.1	24.3	32.1	6.7	25.7	35.7	6.8
Congestive Heart Failure.....	108	17.6	16.1	4.7	27.8	24.5	4.5	30.6	31.4	4.9
Pneumonia/Influenza.....	61	32.8	17.0	6.6	39.3	23.5	7.0	45.9	28.6	7.5
Chronic Obstructive Pulmonary Disease.....	27	14.8	9.5	*	22.2	16.4	*	25.9	22.0	*
Transient Cerebral Ischemia.....	34	0.0	1.9	*	0.0	4.0	*	0.0	6.2	*
Stroke.....	71	21.1	22.2	5.2	26.8	29.6	7.1	29.6	34.3	7.2
Hip Fracture.....	78	12.8	7.6	4.3	15.4	13.6	4.3	15.4	17.7	5.9
Sepsis.....	16	31.3	23.1	*	31.3	30.8	*	31.3	37.1	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	12	0.0	2.8	*	0.0	5.8	*	0.0	8.6	*
Carotid Endarterectomy.....	15	13.3	1.8	*	13.3	3.4	*	13.3	4.9	*
Hip Replacement/Reconstruction.....	86	5.8	4.0	2.5	7.0	7.1	2.9	7.0	9.2	3.7
Open Reduction of Hip Fracture.....	25	12.0	4.5	*	16.0	8.9	*	16.0	12.0	*
Prostatectomy.....	106	0.0	0.8	1.6	1.9	2.0	1.4	2.8	3.2	1.8
Cholecystectomy.....	67	0.0	2.7	3.2	0.0	4.9	4.9	4.5	6.5	4.2
Hysterectomy.....	24	4.2	0.3	*	4.2	0.5	*	4.2	0.8	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.



ST. JOSEPH
MERCY HOSPITAL

January 14, 1991

Attention: Mrs. Sandra Kappert
Health Care Financing Administration
Health Standards and Quality Bureau
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, MA 21207

Dear Mrs. Kappert:

After careful consideration of the preliminary figures made available to us concerning Medicare Hospital Mortality Rates we disagree with the figures in two specific areas. We disagree that your method of reporting makes appropriate comparisons to years past or necessarily gives an accurate picture to the public.

The categories in which our figures do not agree with yours are angioplasty, pacemaker insertion and coronary artery bypass. The angioplasty report review of our records indicates that there were 35 PTCA carried out during the time period October 1, 1988 to September 30, 1989. Ten of these were Medicare patients. The HCFA figures indicate there were eight angioplasties on Medicare patients. During that same period our records indicate 42 pacemaker insertions of which 29 were Medicare with your figures indicating 27 Medicare patients. During the first seven months since Cardiology was a new service, angioplasties were only performed on acute infarcts where known mortality is higher than for elective angioplasty. Because the program was new the volume was small and that reflects a small sample which is statistically insignificant and misleading when reporting percentages. Utilizing the data we have, the angioplasty mortality rate for our service during the first year was 2.8 percent and the combined pacemaker and angioplasty mortality using our figures for all patients was 1.2 percent.

Our cardiac surgery program began in April 1989. Your data represents only the first five months of our experience. The review of our records on coronary artery bypass varies from yours. We find the number to be 57 Medicare patients (Code 36.1), while you show 34. Our deaths during that time were 4. This reflects the first 5 months of that procedure being offered at our institution. In the first 12 months of coronary artery bypass surgery at St. Joseph Mercy there were 178 cases done with 6 deaths and an overall mortality rate of 3.4 percent.



General changes you have made in analysis do not allow the data for the three years to be compared. Reporting mortality rates for 30, 90 and 180 days is unsatisfactory. It is extremely difficult to analyze accurately, deaths after 30 days because of the multiple factors involved with patients outside the hospital which might be related to their death. Reporting single point to point data rather than ranges may stimulate inaccurate comparisons as well. Selecting a random admission rather than the last admission for patients with multiple admissions makes the year to year comparisons inaccurate as does changing diagnostic or procedural categories. Potentially alarming to the public is the reporting of a predicted point estimate when the number of total cases is statistically not significant.

The beginning of the new service (Invasive Cardiology and Cardiac Surgery) at our hospital was accompanied by considerable public interest and press coverage. I think the figures related to angioplasty, pacemaker insertion and cardiac surgery will be particularly scrutinized because of this. We would call attention to the figures previously quoted of a total angioplasty mortality of 2.8 percent in the first year of our service after 30 days. The pacemaker mortality is zero percent during the first year of analysis for the first 30 days.

The figures that we have been given on pneumonia are indicative of another question that needs to be addressed. That is the question of severity of illness. To indicate the severity, 17 of our patients who have died with pneumonia had a preadmission address of an extended care facility. Thirteen of the 17 died in the hospital, one was only able to go to a skilled care facility after discharge and one to an intermediate care facility. Two patients went home. All patients that died had substantial co-morbidity. None of this is evident by the reporting of the very limited information by HCFA.

Certainly the goal of HCFA and St. Joseph Mercy Hospital is to report this data as accurately and simply as possible. Using comparative years and changing the criteria for comparison makes the system faulty. We feel that using a range rather than a point estimate would be less apt to cause misinterpretation. We also raise the question of differences in figures. Be assured that we want to work with you to be as accurate and informative as possible.

Very sincerely,



David Vellinga
President

DV:mg

ST JOSEPHS MERCY HOSPITAL

Route 3
Centerville, IA 52544

Medicare Provider Number: 160020

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	478	10.0	9.5	1.4	15.7	14.3	2.0	18.2	18.2	2.2
CONDITIONS:										
Acute Myocardial Infarction.....	22	40.9	28.0	*	45.5	31.4	*	45.5	34.8	*
Congestive Heart Failure.....	27	18.5	15.7	*	48.1	24.3	*	51.9	31.4	*
Pneumonia/Influenza.....	29	20.7	17.0	*	37.9	23.1	*	41.4	28.0	*
Chronic Obstructive Pulmonary Disease.....	5	0.0	5.3	*	0.0	10.1	*	0.0	14.6	*
Transient Cerebral Ischemia.....	7	0.0	1.9	*	0.0	4.4	*	0.0	7.1	*
Stroke.....	19	26.3	25.7	*	31.6	32.8	*	31.6	37.6	*
Hip Fracture.....	9	0.0	7.6	*	0.0	13.3	*	11.1	17.1	*
Sepsis.....	4	50.0	19.3	*	50.0	26.0	*	50.0	31.1	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	1	0.0	0.7	*	0.0	1.5	*	0.0	2.7	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	1	0.0	2.7	*	0.0	5.2	*	0.0	7.0	*
Open Reduction of Hip Fracture.....	2	0.0	6.7	*	0.0	12.6	*	50.0	16.4	*
Prostatectomy.....	9	0.0	0.9	*	0.0	2.0	*	0.0	3.4	*
Cholecystectomy.....	10	0.0	4.2	*	0.0	7.4	*	10.0	9.8	*
Hysterectomy.....	4	0.0	0.6	*	0.0	1.4	*	0.0	2.2	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 60
Occupancy Rate..... 77
Ownership/Control..... Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 8
Percent of Physicians Board Certified Specialists..... 88
Medical Residents/Interns..... 0
Registered Nurses..... 29
Licensed Practical Nurses..... 19

SPECIALTY SERVICES:

Burn Unit..... No
Cardiac Intensive Care..... No
Comprehensive Geriatric..... No
Hospice Care..... No
Medical/Surgical Intensive Care..... Yes
Organ/Tissue Transplant..... No
Other Intensive Care..... No
Rehabilitation Unit..... No
Trauma Center..... No

** Not used in calculating hospital mortality rates.

ST JOSEPHS MERCY HOSPITAL

Medicare Provider Number: 160020

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	439	12.3	9.5	1.9	16.9	14.2	2.0	23.0	18.1	2.7
CONDITIONS:										
Acute Myocardial Infarction.....	20	20.0	27.9	*	25.0	31.1	*	40.0	34.8	*
Congestive Heart Failure.....	26	30.8	14.3	*	38.5	21.3	*	53.8	27.5	*
Pneumonia/Influenza.....	39	17.9	18.9	*	30.8	25.3	*	41.0	30.3	*
Chronic Obstructive Pulmonary Disease.....	19	10.5	5.0	*	10.5	9.5	*	15.8	13.6	*
Transient Cerebral Ischemia.....	8	12.5	2.7	*	25.0	6.4	*	25.0	10.5	*
Stroke.....	18	22.2	16.7	*	22.2	22.5	*	33.3	26.8	*
Hip Fracture.....	11	9.1	9.7	*	9.1	16.8	*	9.1	20.9	*
Sepsis.....	2	0.0	13.2	*	0.0	18.0	*	0.0	22.1	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	4	0.0	6.4	*	0.0	11.8	*	0.0	14.9	*
Open Reduction of Hip Fracture.....	1	0.0	3.8	*	0.0	7.4	*	0.0	9.9	*
Prostatectomy.....	5	0.0	1.4	*	0.0	3.5	*	0.0	6.0	*
Cholecystectomy.....	13	15.4	3.5	*	15.4	6.4	*	15.4	8.3	*
Hysterectomy.....	2	0.0	0.8	*	0.0	1.3	*	0.0	1.8	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	460	13.5	10.5	2.1	18.5	15.3	2.5	21.7	19.2	2.3
CONDITIONS:										
Acute Myocardial Infarction.....	23	34.8	28.9	*	39.1	31.5	*	43.5	34.6	*
Congestive Heart Failure.....	29	24.1	16.7	*	27.6	24.3	*	27.6	30.9	*
Pneumonia/Influenza.....	39	23.1	16.3	*	33.3	21.7	*	35.9	26.3	*
Chronic Obstructive Pulmonary Disease.....	12	0.0	7.9	*	0.0	14.0	*	16.7	18.9	*
Transient Cerebral Ischemia.....	7	0.0	1.7	*	0.0	3.6	*	0.0	5.7	*
Stroke.....	19	31.6	26.5	*	31.6	32.9	*	36.8	37.8	*
Hip Fracture.....	12	16.7	7.9	*	25.0	14.3	*	25.0	18.2	*
Sepsis.....	3	0.0	24.7	*	0.0	32.3	*	0.0	38.5	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	6	16.7	9.2	*	33.3	16.6	*	33.3	20.9	*
Open Reduction of Hip Fracture.....	2	0.0	3.3	*	0.0	6.5	*	0.0	8.7	*
Prostatectomy.....	9	0.0	1.6	*	0.0	4.1	*	11.1	6.8	*
Cholecystectomy.....	15	6.7	3.6	*	6.7	6.7	*	6.7	8.7	*
Hysterectomy.....	4	0.0	0.9	*	0.0	1.8	*	0.0	2.5	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

ST LUKES HOSPITAL1227 E Rusholme St
Davenport, IA 52803

Medicare Provider Number: 160025

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,943	9.2	8.0	1.0	13.8	12.4	1.0	17.0	15.9	1.3
CONDITIONS:										
Acute Myocardial Infarction.....	59	20.3	27.2	8.4	20.3	30.1	9.8	22.0	33.2	11.2
Congestive Heart Failure.....	77	15.6	14.1	5.4	33.8	21.2	7.7	40.3	27.6	8.7
Pneumonia/Influenza.....	63	12.7	15.8	5.1	14.3	21.8	6.7	14.3	26.4	9.4
Chronic Obstructive Pulmonary Disease.....	43	18.6	8.0	*	23.3	13.7	*	25.6	18.8	*
Transient Cerebral Ischemia.....	29	0.0	1.8	*	0.0	4.1	*	6.9	6.6	*
Stroke.....	68	23.5	18.0	5.7	29.4	24.4	5.6	32.4	28.6	6.2
Hip Fracture.....	37	10.8	7.3	*	13.5	13.4	*	16.2	17.8	*
Sepsis.....	5	20.0	20.1	*	20.0	27.8	*	40.0	33.8	*
PROCEDURES:										
Angioplasty.....	137	5.1	4.0	2.2	5.8	5.1	2.4	5.8	6.2	2.9
Coronary Artery Bypass Graft.....	110	7.3	5.6	3.2	10.0	7.9	3.8	11.8	9.3	4.4
Initial Pacemaker Insertion.....	20	5.0	4.4	*	5.0	7.4	*	15.0	10.1	*
Carotid Endarterectomy.....	5	0.0	1.4	*	0.0	2.4	*	0.0	3.5	*
Hip Replacement/Reconstruction.....	34	2.9	3.4	*	5.9	6.3	*	5.9	8.3	*
Open Reduction of Hip Fracture.....	18	11.1	5.7	*	11.1	11.1	*	16.7	15.1	*
Prostatectomy.....	48	0.0	1.2	*	0.0	2.9	*	2.1	5.1	*
Cholecystectomy.....	39	5.1	2.5	*	5.1	4.5	*	5.1	6.0	*
Hysterectomy.....	19	0.0	0.6	*	0.0	1.4	*	0.0	2.2	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 217
Occupancy Rate..... 68
Ownership/Control..... Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 182
Percent of Physicians Board Certified Specialists..... 79
Medical Residents/Interns..... 0
Registered Nurses..... 252
Licensed Practical Nurses..... 32

SPECIALTY SERVICES:

Burn Unit..... No
Cardiac Intensive Care..... No
Comprehensive Geriatric..... No
Hospice Care..... No
Medical/Surgical Intensive Care..... Yes
Organ/Tissue Transplant..... No
Other Intensive Care..... No
Rehabilitation Unit..... No
Trauma Center..... No

** Not used in calculating hospital mortality rates.

ST LUKES HOSPITAL
Medicare Provider Number: 160025

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,693	10.0	8.4	0.9	14.2	12.8	1.0	17.8	16.3	1.2
CONDITIONS:										
Acute Myocardial Infarction.....	44	29.5	25.7	*	31.8	29.0	*	36.4	32.5	*
Congestive Heart Failure.....	61	14.8	15.2	5.5	16.4	22.8	7.0	24.6	29.3	7.2
Pneumonia/Influenza.....	52	13.5	15.9	7.0	15.4	22.2	10.2	21.2	27.0	10.5
Chronic Obstructive Pulmonary Disease.....	30	10.0	9.5	*	16.7	15.0	*	26.7	20.0	*
Transient Cerebral Ischemia.....	16	12.5	2.5	*	18.8	5.8	*	18.8	9.2	*
Stroke.....	66	16.7	20.4	7.4	22.7	27.9	8.2	30.3	32.6	7.0
Hip Fracture.....	51	3.9	7.6	4.3	5.9	13.5	6.3	13.7	17.3	5.7
Sepsis.....	3	66.7	20.9	*	66.7	31.4	*	66.7	38.2	*
PROCEDURES:										
Angioplasty.....	76	9.2	3.9	2.8	11.8	4.8	3.0	14.5	5.9	3.5
Coronary Artery Bypass Graft.....	60	13.3	7.6	6.8	13.3	10.8	6.6	15.0	12.7	6.1
Initial Pacemaker Insertion.....	19	0.0	6.2	*	0.0	10.3	*	0.0	13.8	*
Carotid Endarterectomy.....	5	0.0	1.3	*	0.0	2.6	*	0.0	3.9	*
Hip Replacement/Reconstruction.....	41	2.4	4.2	*	2.4	8.2	*	7.3	11.0	*
Open Reduction of Hip Fracture.....	27	7.4	6.9	*	11.1	13.0	*	18.5	17.1	*
Prostatectomy.....	55	1.8	1.1	1.6	1.8	2.8	2.4	3.6	4.7	3.1
Cholecystectomy.....	31	16.1	3.5	*	16.1	6.4	*	22.6	8.3	*
Hysterectomy.....	20	5.0	0.7	*	5.0	1.5	*	5.0	2.3	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,788	8.8	8.8	0.7	13.8	13.3	0.9	16.9	16.9	1.1
CONDITIONS:										
Acute Myocardial Infarction.....	41	14.6	29.1	*	22.0	32.0	*	22.0	35.1	*
Congestive Heart Failure.....	66	7.6	16.0	5.8	21.2	24.1	5.4	33.3	30.9	5.8
Pneumonia/Influenza.....	47	12.8	15.9	*	25.5	21.4	*	25.5	26.0	*
Chronic Obstructive Pulmonary Disease.....	37	8.1	8.8	*	18.9	15.5	*	21.6	20.8	*
Transient Cerebral Ischemia.....	28	0.0	2.2	*	0.0	4.9	*	0.0	7.7	*
Stroke.....	53	17.0	22.1	7.9	24.5	29.2	8.5	24.5	33.8	10.1
Hip Fracture.....	51	11.8	7.4	5.9	19.6	13.2	8.8	21.6	16.9	9.8
Sepsis.....	9	33.3	27.6	*	33.3	36.8	*	33.3	43.3	*
PROCEDURES:										
Angioplasty.....	65	7.7	5.5	4.7	10.8	6.8	6.2	12.3	8.2	7.6
Coronary Artery Bypass Graft.....	71	7.0	6.8	3.1	9.9	9.2	3.5	12.7	10.5	4.5
Initial Pacemaker Insertion.....	18	0.0	2.5	*	11.1	5.2	*	11.1	7.8	*
Carotid Endarterectomy.....	2	0.0	1.5	*	0.0	2.7	*	0.0	3.8	*
Hip Replacement/Reconstruction.....	39	7.7	3.4	*	10.3	6.1	*	10.3	7.9	*
Open Reduction of Hip Fracture.....	27	11.1	6.9	*	22.2	13.1	*	25.9	17.2	*
Prostatectomy.....	62	0.0	1.0	1.6	1.6	2.5	2.5	1.6	4.3	3.7
Cholecystectomy.....	28	7.1	3.0	*	10.7	5.5	*	14.3	7.2	*
Hysterectomy.....	19	0.0	0.6	*	0.0	1.2	*	0.0	1.7	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

ST LUKES HOSPITAL

1026 A Ave NE

Cedar Rapids, IA 52402

Medicare Provider Number: 160045

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	3,290	7.4	6.0	0.6	11.5	9.5	0.7	14.2	12.4	0.7
CONDITIONS:										
Acute Myocardial Infarction.....	87	32.2	19.9	5.6	34.5	23.3	5.6	35.6	26.2	5.4
Congestive Heart Failure.....	121	12.4	11.6	3.0	24.8	18.9	4.8	33.1	25.0	6.1
Pneumonia/Influenza.....	142	16.2	15.1	3.3	23.2	21.6	3.8	23.9	26.3	4.1
Chronic Obstructive Pulmonary Disease.....	38	10.5	5.1	*	13.2	9.5	*	18.4	13.4	*
Transient Cerebral Ischemia.....	47	0.0	1.3	*	2.1	2.9	*	8.5	4.6	*
Stroke.....	116	15.5	17.3	3.9	26.7	24.3	4.8	30.2	28.8	6.1
Hip Fracture.....	94	8.5	3.9	2.7	13.8	7.5	4.4	19.1	10.3	5.0
Sepsis.....	31	16.1	22.7	*	25.8	30.5	*	29.0	37.2	*
PROCEDURES:										
Angioplasty.....	53	5.7	2.5	4.7	7.5	3.5	5.4	7.5	4.4	5.1
Coronary Artery Bypass Graft.....	142	6.3	5.6	2.0	9.2	8.1	2.5	9.2	9.6	2.9
Initial Pacemaker Insertion.....	32	0.0	2.0	*	0.0	4.2	*	3.1	6.2	*
Carotid Endarterectomy.....	20	0.0	1.3	*	0.0	2.4	*	0.0	3.5	*
Hip Replacement/Reconstruction.....	91	3.3	1.6	2.2	6.6	3.3	3.7	8.8	4.6	4.9
Open Reduction of Hip Fracture.....	53	5.7	3.0	3.1	11.3	6.2	5.4	17.0	8.6	6.5
Prostatectomy.....	127	0.0	0.6	0.8	2.4	1.5	1.9	2.4	2.6	1.8
Cholecystectomy.....	75	2.7	1.8	2.6	4.0	3.5	3.0	5.3	4.8	3.1
Hysterectomy.....	27	0.0	0.6	*	0.0	1.3	*	0.0	2.0	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 484
 Occupancy Rate..... 68
 Ownership/Control..... Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 229
 Percent of Physicians Board Certified Specialists..... 82
 Medical Residents/Interns..... 12
 Registered Nurses..... 605
 Licensed Practical Nurses..... 35

SPECIALTY SERVICES:

Burn Unit..... No
 Cardiac Intensive Care..... Yes
 Comprehensive Geriatric..... Yes
 Hospice Care..... No
 Medical/Surgical Intensive Care..... Yes
 Organ/Tissue Transplant..... No
 Other Intensive Care..... No
 Rehabilitation Unit..... Yes
 Trauma Center..... Yes

** Not used in calculating hospital mortality rates.

ST LUKES HOSPITAL
Medicare Provider Number: 160045

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	3,117	7.3	6.1	0.6	11.5	9.6	0.7	14.3	12.6	0.8
CONDITIONS:										
Acute Myocardial Infarction.....	101	26.7	21.5	4.7	30.7	25.1	4.8	33.7	28.3	5.3
Congestive Heart Failure.....	101	24.8	15.1	5.4	32.7	23.6	6.4	43.6	30.7	7.2
Pneumonia/Influenza.....	109	17.4	15.3	4.6	24.8	21.2	6.0	26.6	25.8	4.5
Chronic Obstructive Pulmonary Disease.....	29	6.9	4.2	*	13.8	7.8	*	17.2	11.1	*
Transient Cerebral Ischemia.....	54	1.9	1.4	2.7	5.6	2.9	4.0	7.4	4.6	5.0
Stroke.....	102	19.6	18.3	7.7	32.4	25.5	9.5	36.3	30.3	10.7
Hip Fracture.....	112	7.1	4.5	3.5	15.2	8.8	4.3	17.0	12.0	4.5
Sepsis.....	21	38.1	26.6	*	52.4	35.0	*	57.1	41.5	*
PROCEDURES:										
Angioplasty.....	43	4.7	3.2	*	4.7	4.2	*	4.7	5.3	*
Coronary Artery Bypass Graft.....	126	1.6	7.3	3.0	1.6	9.7	3.7	4.0	11.1	3.7
Initial Pacemaker Insertion.....	35	2.9	3.7	*	2.9	6.1	*	2.9	8.4	*
Carotid Endarterectomy.....	21	0.0	1.2	*	0.0	2.1	*	0.0	3.1	*
Hip Replacement/Reconstruction.....	77	1.3	2.3	1.9	5.2	4.7	2.9	6.5	6.6	3.7
Open Reduction of Hip Fracture.....	63	11.1	4.1	4.0	19.0	8.4	5.5	19.0	11.6	5.7
Prostatectomy.....	138	0.0	0.7	0.9	1.4	1.7	1.4	2.9	3.0	2.0
Cholecystectomy.....	59	1.7	2.2	2.0	3.4	3.9	3.4	6.8	5.2	4.1
Hysterectomy.....	23	0.0	0.5	*	0.0	1.1	*	0.0	1.7	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	3,270	6.7	6.1	0.7	11.2	9.6	1.2	13.3	12.6	1.1
CONDITIONS:										
Acute Myocardial Infarction.....	105	21.9	22.8	4.2	25.7	26.5	4.8	28.6	29.8	4.6
Congestive Heart Failure.....	108	14.8	14.8	3.8	27.8	23.0	5.4	34.3	29.8	6.6
Pneumonia/Influenza.....	95	12.6	15.2	3.9	23.2	20.9	4.3	26.3	25.6	5.1
Chronic Obstructive Pulmonary Disease.....	27	11.1	4.8	*	18.5	9.0	*	29.6	12.7	*
Transient Cerebral Ischemia.....	51	2.0	1.7	2.1	3.9	3.7	3.6	3.9	5.8	5.1
Stroke.....	115	18.3	16.8	5.9	27.8	23.8	5.8	28.7	28.2	5.0
Hip Fracture.....	72	2.8	4.7	3.0	5.6	8.9	5.0	5.6	12.0	5.3
Sepsis.....	20	50.0	17.5	*	55.0	25.6	*	55.0	31.7	*
PROCEDURES:										
Angioplasty.....	23	4.3	5.8	*	4.3	7.5	*	4.3	8.9	*
Coronary Artery Bypass Graft.....	125	4.0	6.7	3.0	4.8	9.6	3.7	4.8	10.9	4.1
Initial Pacemaker Insertion.....	40	2.5	3.7	*	7.5	7.2	*	12.5	10.3	*
Carotid Endarterectomy.....	27	0.0	1.4	*	3.7	2.7	*	3.7	3.9	*
Hip Replacement/Reconstruction.....	77	0.0	1.9	*	1.3	3.6	*	1.3	4.9	*
Open Reduction of Hip Fracture.....	43	4.7	4.1	*	7.0	8.3	*	7.0	11.4	*
Prostatectomy.....	137	0.7	0.8	0.8	0.7	1.9	1.6	0.7	3.2	2.6
Cholecystectomy.....	90	1.1	1.6	2.1	1.1	2.8	2.8	1.1	3.7	3.2
Hysterectomy.....	20	0.0	0.5	*	0.0	1.0	*	0.0	1.7	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

ST LUKES REGIONAL MEDICAL CENTER

2720 Stone Park Blvd

Sioux City, IA 51104

Medicare Provider Number: 160146

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	2,831	7.7	7.5	0.5	12.2	11.8	1.0	15.3	15.3	0.8
CONDITIONS:										
Acute Myocardial Infarction.....	50	28.0	28.5	*	34.0	31.9	*	40.0	35.3	*
Congestive Heart Failure.....	109	17.4	16.2	3.7	19.3	24.9	4.8	23.9	31.8	5.9
Pneumonia/Influenza.....	138	15.2	17.2	4.0	19.6	23.4	5.6	24.6	28.1	6.0
Chronic Obstructive Pulmonary Disease.....	39	10.3	6.1	*	12.8	11.1	*	15.4	15.6	*
Transient Cerebral Ischemia.....	33	0.0	2.0	*	6.1	4.3	*	9.1	6.9	*
Stroke.....	88	19.3	18.9	4.2	26.1	25.5	6.5	27.3	29.9	6.0
Hip Fracture.....	132	4.5	6.8	2.3	5.3	12.4	3.5	6.1	16.2	4.2
Sepsis.....	26	46.2	29.6	*	53.8	36.8	*	57.7	43.5	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	14	7.1	7.2	*	7.1	13.2	*	7.1	17.7	*
Carotid Endarterectomy.....	3	0.0	1.3	*	0.0	2.3	*	0.0	3.4	*
Hip Replacement/Reconstruction.....	126	1.6	2.5	2.2	3.2	4.8	3.6	4.0	6.6	4.3
Open Reduction of Hip Fracture.....	85	2.4	6.0	3.1	2.4	11.5	4.6	2.4	15.2	6.6
Prostatectomy.....	150	0.7	1.0	0.9	3.3	2.2	1.5	4.7	3.7	1.6
Cholecystectomy.....	76	2.6	3.0	2.1	5.3	5.6	2.7	5.3	7.4	3.5
Hysterectomy.....	29	0.0	0.3	*	0.0	0.6	*	0.0	0.9	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 371
 Occupancy Rate..... 59
 Ownership/Control..... Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 144
 Percent of Physicians Board Certified Specialists..... 89
 Medical Residents/Interns..... 0
 Registered Nurses..... 314
 Licensed Practical Nurses..... 58

SPECIALTY SERVICES:

Burn Unit..... Yes
 Cardiac Intensive Care..... Yes
 Comprehensive Geriatric..... No
 Hospice Care..... No
 Medical/Surgical Intensive Care..... Yes
 Organ/Tissue Transplant..... No
 Other Intensive Care..... No
 Rehabilitation Unit..... No
 Trauma Center..... No

** Not used in calculating hospital mortality rates.

ST LUKES REGIONAL MEDICAL CENTER

Medicare Provider Number: 160146

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	3,006	7.6	7.8	0.6	11.8	12.2	0.8	15.1	15.7	0.7
CONDITIONS:										
Acute Myocardial Infarction.....	56	17.9	26.5	10.1	21.4	29.6	9.9	25.0	32.9	10.6
Congestive Heart Failure.....	95	20.0	18.1	4.6	34.7	27.2	8.2	44.2	34.4	7.5
Pneumonia/Influenza.....	123	14.6	17.5	5.2	22.8	23.9	4.5	28.5	28.9	4.1
Chronic Obstructive Pulmonary Disease.....	41	12.2	7.2	*	19.5	13.0	*	24.4	18.0	*
Transient Cerebral Ischemia.....	23	0.0	2.6	*	4.3	5.7	*	13.0	8.8	*
Stroke.....	102	17.6	22.7	4.9	23.5	30.2	5.9	24.5	35.1	7.2
Hip Fracture.....	129	3.9	7.7	3.0	7.8	13.9	4.6	10.1	17.6	5.3
Sepsis.....	38	21.1	28.1	*	21.1	35.5	*	26.3	41.5	*
PROCEDURES:										
Angioplasty.....	2	0.0	5.4	*	0.0	5.9	*	0.0	6.6	*
Coronary Artery Bypass Graft.....	1	0.0	2.9	*	0.0	4.0	*	0.0	4.9	*
Initial Pacemaker Insertion.....	24	4.2	9.6	*	8.3	14.1	*	8.3	17.5	*
Carotid Endarterectomy.....	7	0.0	1.2	*	0.0	2.2	*	0.0	3.1	*
Hip Replacement/Reconstruction.....	124	3.2	3.1	1.6	5.6	5.9	2.5	6.5	7.7	3.6
Open Reduction of Hip Fracture.....	78	5.1	7.3	3.7	7.7	13.6	6.0	10.3	17.5	6.8
Prostatectomy.....	193	2.6	1.0	1.7	3.1	2.3	1.4	3.6	3.7	1.4
Cholecystectomy.....	61	4.9	2.7	4.5	9.8	5.3	6.2	11.5	7.3	6.7
Hysterectomy.....	22	0.0	0.9	*	0.0	2.0	*	0.0	3.0	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	2,853	8.4	8.2	0.8	12.7	12.8	0.9	16.0	16.5	0.7
CONDITIONS:										
Acute Myocardial Infarction.....	51	35.3	29.2	9.7	41.2	32.4	9.0	41.2	35.9	7.7
Congestive Heart Failure.....	101	30.7	18.6	6.0	40.6	27.6	6.7	47.5	34.8	6.7
Pneumonia/Influenza.....	114	17.5	16.8	3.6	23.7	22.6	4.0	29.8	27.3	5.3
Chronic Obstructive Pulmonary Disease.....	25	16.0	10.1	*	36.0	17.0	*	40.0	22.1	*
Transient Cerebral Ischemia.....	27	3.7	2.7	*	3.7	6.0	*	7.4	9.4	*
Stroke.....	82	18.3	22.3	7.4	24.4	29.2	9.6	28.0	33.8	10.8
Hip Fracture.....	115	5.2	7.8	4.2	10.4	14.2	5.4	15.7	18.3	4.4
Sepsis.....	35	11.4	31.3	*	25.7	39.1	*	31.4	45.4	*
PROCEDURES:										
Angioplasty.....	1	0.0	1.3	*	0.0	1.8	*	0.0	2.6	*
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	24	4.2	6.1	*	4.2	10.6	*	8.3	14.4	*
Carotid Endarterectomy.....	9	11.1	1.6	*	11.1	3.1	*	11.1	4.5	*
Hip Replacement/Reconstruction.....	110	2.7	2.7	1.6	4.5	5.1	2.6	6.4	6.8	2.7
Open Reduction of Hip Fracture.....	75	5.3	6.8	4.1	10.7	13.1	4.4	16.0	17.3	5.6
Prostatectomy.....	210	2.4	1.0	1.2	3.3	2.4	1.5	4.8	4.2	1.6
Cholecystectomy.....	70	0.0	3.2	3.9	0.0	5.8	6.8	4.3	7.5	5.1
Hysterectomy.....	31	0.0	0.7	*	0.0	1.5	*	0.0	2.3	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.



2720 STONE PARK BLVD. • P.O. BOX 2000 • SIOUX CITY, IOWA 51104 • PH. (712) 279-3500

MEDICARE PROVIDER #160146

January 14, 1991

Health Care Financing Administration
Health Standards & Quality Bureau
Attn: Ms. Sandra Kappert
2D-2 Meadows East Bldg.
6325 Security Blvd.
Baltimore, Maryland 21207

Dear Ms. Kappert:

The purpose of this letter is to provide comments which will assist individuals reviewing mortality rates for Medicare patients treated at St. Luke's Regional Medical Center in Sioux City, Iowa.

The monitoring and improvement of patient care quality are high priorities for St. Luke's Regional Medical Center's Medical Staff, employees, and Board of Directors. These groups continuously review over four hundred quality factors, one of which is mortality information. While mortality review is considered a useful screening tool, healthcare consumers must be aware that death rates may not reflect the quality of care, good or bad.

We recognize HCFA's good faith efforts to make the mortality rates more useful for healthcare providers by defining homogeneous diagnostic categories, portraying observed mortality rates, providing meaningful predicted rates, and providing standard deviations along with a methodology to calculate confidence intervals. It is a matter of some concern that the technical nature of this information, which makes these mortality rates more meaningful to healthcare providers, also makes it extremely difficult for healthcare consumers to interpret the rates in meaningful fashion. Healthcare consumers generally do not understand, nor will they be provided an explanation on the significance of standard deviations and how to calculate confidence intervals.

We have determined the confidence intervals for St. Luke's mortality rates for each of the three years analyzed by HCFA. Our analysis indicates the differences between observed and predicted mortality rates are insignificant. This analysis also did not reveal opportunities to improve the quality of patient care. Further, the HCFA mortality data supports findings from the Medical Center's own criteria-based mortality review of patients who died while hospitalized during the time period covered by HCFA's analysis.

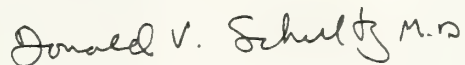
January 14, 1991
Page Two

MEDICARE PROVIDER #160146

Healthcare consumers must recognize that the mortality rates, especially at 90 and 180 days, include patients who were not hospitalized at the time of their death. Hospitals cannot directly impact patient's lifestyles and healthcare provided after they are discharged from the hospital. In addition, some of these patients may have died from accidents or other causes totally unrelated to the reason they were admitted to the hospital.

We appreciate the opportunity to provide comments regarding these mortality rates. We appreciate the efforts of HCFA to continuously evaluate and improve the presentation of the data. We all recognize the imperfections in the current system, but trust our continuing dialogue may lead to improvements and the potential to develop an understandable and useful quality assessment tool that will be equally useful to provider and consumer. We expect these comments will accompany St. Luke's Regional Medical Center's mortality rates at the time of their release.

Sincerely,

A handwritten signature in dark ink, reading "Donald V. Schultz M.D.", with a stylized flourish at the end.

Donald V. Schultz, M.D.
Senior Vice President, Medical Affairs

GGs/rim

STEWART MEMORIAL COMMUNITY HOSPITAL

1200 W Monroe
Lake City, IA 51449

Medicare Provider Number: 160072

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	531	9.6	9.1	1.3	13.7	14.0	1.6	17.3	17.9	1.9
CONDITIONS:										
Acute Myocardial Infarction.....	10	0.0	26.8	*	20.0	30.3	*	20.0	33.6	*
Congestive Heart Failure.....	33	21.2	16.4	*	27.3	25.0	*	33.3	32.0	*
Pneumonia/Influenza.....	40	17.5	17.2	*	22.5	23.4	*	22.5	28.1	*
Chronic Obstructive Pulmonary Disease.....	8	25.0	7.2	*	37.5	11.9	*	37.5	16.3	*
Transient Cerebral Ischemia.....	4	0.0	1.5	*	25.0	3.4	*	25.0	5.7	*
Stroke.....	24	41.7	23.0	*	45.8	30.3	*	50.0	35.3	*
Hip Fracture.....	17	0.0	7.8	*	5.9	13.8	*	11.8	17.7	*
Sepsis.....	2	0.0	18.2	*	0.0	24.8	*	0.0	29.5	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	5	0.0	4.4	*	0.0	8.3	*	0.0	11.8	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	4	0.0	3.8	*	0.0	7.0	*	0.0	9.2	*
Open Reduction of Hip Fracture.....	2	0.0	10.9	*	50.0	21.4	*	50.0	28.8	*
Prostatectomy.....	17	0.0	1.4	*	0.0	3.7	*	5.9	6.3	*
Cholecystectomy.....	17	0.0	2.6	*	0.0	4.6	*	0.0	5.8	*
Hysterectomy.....	3	0.0	0.3	*	0.0	0.6	*	0.0	0.9	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 49
Occupancy Rate..... 61
Ownership/Control..... Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 12
Percent of Physicians Board Certified Specialists..... 100
Medical Residents/Interns..... 0
Registered Nurses..... 24
Licensed Practical Nurses..... 6

SPECIALTY SERVICES:

Burn Unit..... No
Cardiac Intensive Care..... No
Comprehensive Geriatric..... No
Hospice Care..... Yes
Medical/Surgical Intensive Care..... Yes
Organ/Tissue Transplant..... No
Other Intensive Care..... No
Rehabilitation Unit..... No
Trauma Center..... No

** Not used in calculating hospital mortality rates.

STEWART MEMORIAL COMMUNITY HOSPITAL

Medicare Provider Number: 160072

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	511	10.0	9.0	2.0	15.1	13.3	2.3	17.8	16.8	2.6
CONDITIONS:										
Acute Myocardial Infarction.....	18	27.8	33.6	*	44.4	38.3	*	44.4	42.5	*
Congestive Heart Failure.....	19	10.5	18.2	*	31.6	28.0	*	36.8	35.5	*
Pneumonia/Influenza.....	38	23.7	17.7	*	34.2	23.8	*	42.1	28.7	*
Chronic Obstructive Pulmonary Disease.....	4	25.0	5.6	*	25.0	10.9	*	25.0	15.6	*
Transient Cerebral Ischemia.....	8	0.0	3.1	*	0.0	7.6	*	12.5	12.5	*
Stroke.....	17	35.3	25.2	*	47.1	32.1	*	47.1	36.9	*
Hip Fracture.....	15	0.0	8.7	*	6.7	16.0	*	6.7	20.4	*
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	3	0.0	4.9	*	0.0	10.2	*	0.0	14.2	*
Open Reduction of Hip Fracture.....	2	0.0	12.4	*	50.0	25.3	*	50.0	34.3	*
Prostatectomy.....	13	7.7	1.4	*	7.7	3.5	*	15.4	5.9	*
Cholecystectomy.....	14	0.0	3.2	*	7.1	6.0	*	7.1	7.9	*
Hysterectomy.....	7	0.0	0.2	*	0.0	0.4	*	0.0	0.5	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	495	8.5	7.8	2.0	14.7	12.0	3.0	16.8	15.6	3.0
CONDITIONS:										
Acute Myocardial Infarction.....	16	25.0	27.1	*	25.0	29.5	*	25.0	32.4	*
Congestive Heart Failure.....	25	16.0	18.2	*	32.0	27.8	*	32.0	35.1	*
Pneumonia/Influenza.....	22	13.6	14.7	*	18.2	20.4	*	27.3	25.2	*
Chronic Obstructive Pulmonary Disease.....	6	0.0	4.7	*	0.0	8.9	*	0.0	12.7	*
Transient Cerebral Ischemia.....	9	11.1	3.8	*	22.2	9.0	*	22.2	14.6	*
Stroke.....	15	26.7	22.5	*	33.3	29.1	*	33.3	34.3	*
Hip Fracture.....	14	7.1	6.5	*	21.4	12.1	*	28.6	16.0	*
Sepsis.....	3	0.0	19.3	*	0.0	28.8	*	0.0	34.5	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	3	0.0	2.2	*	0.0	5.0	*	0.0	8.0	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	4	0.0	5.3	*	0.0	10.1	*	0.0	13.5	*
Open Reduction of Hip Fracture.....	1	0.0	9.3	*	100.0	19.9	*	100.0	28.7	*
Prostatectomy.....	13	0.0	1.5	*	7.7	3.6	*	7.7	5.9	*
Cholecystectomy.....	18	0.0	1.7	*	0.0	3.1	*	0.0	4.2	*
Hysterectomy.....	6	16.7	0.3	*	16.7	0.6	*	16.7	0.9	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

STORY CITY MEMORIAL HOSPITAL

812 Elm
Story City, IA 50248

Medicare Provider Number: 160123

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	113	14.2	10.4	4.2	20.4	15.6	5.3	22.1	19.6	5.9
CONDITIONS:										
Acute Myocardial Infarction.....	6	16.7	26.9	*	33.3	30.5	*	33.3	34.4	*
Congestive Heart Failure.....	1	100.0	22.1	*	100.0	33.3	*	100.0	42.1	*
Pneumonia/Influenza.....	12	8.3	15.1	*	25.0	20.4	*	33.3	24.9	*
Chronic Obstructive Pulmonary Disease.....	0									
Transient Cerebral Ischemia.....	2	0.0	1.6	*	0.0	3.6	*	0.0	5.8	*
Stroke.....	5	20.0	15.6	*	20.0	20.6	*	20.0	24.9	*
Hip Fracture.....	6	16.7	5.9	*	16.7	11.1	*	16.7	14.6	*
Sepsis.....	1	100.0	16.9	*	100.0	24.6	*	100.0	29.5	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	6	16.7	5.1	*	16.7	10.1	*	16.7	13.6	*
Prostatectomy.....	0									
Cholecystectomy.....	2	0.0	1.1	*	0.0	1.7	*	0.0	2.2	*
Hysterectomy.....	1	0.0	1.8	*	0.0	4.7	*	0.0	7.8	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989		SPECIALTY SERVICES:	
Total Beds.....	36	Burn Unit.....	No
Occupancy Rate.....	50	Cardiac Intensive Care.....	No
Ownership/Control.....	Local Government	Comprehensive Geriatric.....	No
STAFFING: (As of September 30, 1989)		Hospice Care.....	No
Total Number of Physicians.....	11	Medical/Surgical Intensive Care.....	Yes
Percent of Physicians Board Certified Specialists.....	91	Organ/Tissue Transplant.....	No
Medical Residents/Interns.....	0	Other Intensive Care.....	No
Registered Nurses.....	11	Rehabilitation Unit.....	No
Licensed Practical Nurses.....	5	Trauma Center.....	No

** Not used in calculating hospital mortality rates.

STORY CITY MEMORIAL HOSPITAL

Medicare Provider Number: 160123

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	124	15.3	10.5	4.4	21.8	16.1	5.8	25.8	20.4	6.8
CONDITIONS:										
Acute Myocardial Infarction.....	5	20.0	33.0	*	40.0	38.2	*	40.0	42.5	*
Congestive Heart Failure.....	5	40.0	20.2	*	60.0	29.9	*	60.0	37.7	*
Pneumonia/Influenza.....	12	50.0	24.0	*	58.3	33.6	*	58.3	40.4	*
Chronic Obstructive Pulmonary Disease.....	1	0.0	11.0	*	0.0	16.7	*	0.0	21.3	*
Transient Cerebral Ischemia.....	9	11.1	2.7	*	33.3	6.1	*	44.4	9.8	*
Stroke.....	9	11.1	18.9	*	11.1	24.5	*	11.1	29.0	*
Hip Fracture.....	4	0.0	7.3	*	25.0	13.3	*	25.0	17.0	*
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	4	0.0	6.3	*	25.0	12.1	*	25.0	15.8	*
Prostatectomy.....	0									
Cholecystectomy.....	6	0.0	3.1	*	0.0	5.9	*	0.0	7.9	*
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	149	12.8	10.9	4.5	17.4	15.7	5.9	22.8	19.7	6.6
CONDITIONS:										
Acute Myocardial Infarction.....	4	50.0	43.3	*	50.0	48.8	*	50.0	53.1	*
Congestive Heart Failure.....	9	0.0	17.3	*	11.1	26.8	*	33.3	34.2	*
Pneumonia/Influenza.....	20	20.0	17.6	*	30.0	24.1	*	40.0	29.5	*
Chronic Obstructive Pulmonary Disease.....	1	0.0	16.4	*	0.0	23.6	*	0.0	28.8	*
Transient Cerebral Ischemia.....	0									
Stroke.....	11	18.2	19.7	*	18.2	25.8	*	27.3	30.7	*
Hip Fracture.....	3	0.0	4.3	*	0.0	8.1	*	0.0	10.7	*
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	3	0.0	3.7	*	0.0	7.3	*	0.0	10.0	*
Prostatectomy.....	0									
Cholecystectomy.....	3	0.0	1.4	*	0.0	2.7	*	0.0	3.4	*
Hysterectomy.....	1	0.0	0.7	*	0.0	1.2	*	0.0	1.7	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

STORY COUNTY HOSPITAL

630 6th St
Nevada, IA 50201

Medicare Provider Number: 160088

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	85	7.1	13.7	4.7	16.5	19.8	4.9	25.9	24.3	4.9
CONDITIONS:										
Acute Myocardial Infarction.....	2	0.0	50.8	*	50.0	55.8	*	50.0	58.9	*
Congestive Heart Failure.....	6	0.0	16.1	*	0.0	25.2	*	16.7	32.6	*
Pneumonia/Influenza.....	15	20.0	17.3	*	26.7	23.5	*	46.7	28.6	*
Chronic Obstructive Pulmonary Disease.....	2	0.0	3.0	*	0.0	5.3	*	0.0	7.6	*
Transient Cerebral Ischemia.....	0									
Stroke.....	5	40.0	15.2	*	60.0	21.0	*	80.0	25.3	*
Hip Fracture.....	1	0.0	6.2	*	0.0	12.4	*	0.0	17.0	*
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	1	0.0	5.3	*	0.0	11.2	*	0.0	15.7	*
Prostatectomy.....	2	0.0	2.0	*	0.0	4.5	*	0.0	6.9	*
Cholecystectomy.....	0									
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 122
Occupancy Rate..... 74
Ownership/Control..... Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 8
Percent of Physicians Board Certified Specialists..... 63
Medical Residents/Interns..... 0
Registered Nurses..... 20
Licensed Practical Nurses..... 1

SPECIALTY SERVICES:

Burn Unit..... No
Cardiac Intensive Care..... No
Comprehensive Geriatric..... No
Hospice Care..... No
Medical/Surgical Intensive Care..... Yes
Organ/Tissue Transplant..... No
Other Intensive Care..... No
Rehabilitation Unit..... No
Trauma Center..... No

** Not used in calculating hospital mortality rates.

STORY COUNTY HOSPITAL

Medicare Provider Number: 160088

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	118	14.4	13.3	3.3	19.5	19.4	3.7	25.4	24.2	4.1
CONDITIONS:										
Acute Myocardial Infarction.....	6	33.3	34.4	*	50.0	38.3	*	50.0	42.6	*
Congestive Heart Failure.....	6	16.7	14.7	*	16.7	22.4	*	16.7	29.1	*
Pneumonia/Influenza.....	23	21.7	21.1	*	26.1	29.3	*	43.5	35.0	*
Chronic Obstructive Pulmonary Disease.....	2	0.0	4.0	*	50.0	7.4	*	50.0	10.5	*
Transient Cerebral Ischemia.....	1	0.0	1.2	*	0.0	2.6	*	0.0	4.1	*
Stroke.....	2	50.0	17.5	*	50.0	22.8	*	50.0	27.2	*
Hip Fracture.....	3	0.0	6.8	*	0.0	13.1	*	0.0	17.2	*
Sepsis.....	1	100.0	66.1	*	100.0	75.4	*	100.0	83.7	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	1	0.0	11.9	*	0.0	24.3	*	0.0	32.2	*
Open Reduction of Hip Fracture.....	2	0.0	7.6	*	0.0	15.5	*	0.0	21.0	*
Prostatectomy.....	2	0.0	1.7	*	0.0	4.1	*	0.0	6.7	*
Cholecystectomy.....	1	0.0	0.9	*	0.0	1.5	*	0.0	2.1	*
Hysterectomy.....	1	0.0	1.3	*	0.0	2.5	*	0.0	3.4	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	127	13.4	9.8	4.8	18.1	14.9	4.7	19.7	19.0	3.9
CONDITIONS:										
Acute Myocardial Infarction.....	3	0.0	30.2	*	33.3	33.2	*	33.3	36.9	*
Congestive Heart Failure.....	9	33.3	18.2	*	33.3	28.3	*	44.4	36.3	*
Pneumonia/Influenza.....	13	38.5	18.4	*	38.5	25.3	*	38.5	30.5	*
Chronic Obstructive Pulmonary Disease.....	3	0.0	8.6	*	33.3	16.0	*	33.3	21.8	*
Transient Cerebral Ischemia.....	3	0.0	2.6	*	0.0	6.0	*	0.0	9.8	*
Stroke.....	2	50.0	21.3	*	50.0	27.5	*	50.0	32.8	*
Hip Fracture.....	4	25.0	9.8	*	25.0	17.5	*	25.0	22.0	*
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	2	50.0	7.3	*	50.0	13.0	*	50.0	16.2	*
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	5	0.0	1.5	*	0.0	3.8	*	0.0	6.7	*
Cholecystectomy.....	0									
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

TRINITY REGIONAL HOSPITAL

S Kenyon Rd
Fort Dodge, IA 50501

Medicare Provider Number: 160016

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	1,471	10.1	8.4	0.9	13.7	12.4	0.9	16.5	15.7	1.0
CONDITIONS:										
Acute Myocardial Infarction.....	56	32.1	25.9	6.9	37.5	29.6	7.2	39.3	33.1	7.5
Congestive Heart Failure.....	61	16.4	15.7	4.7	23.0	24.0	6.1	29.5	30.8	6.9
Pneumonia/Influenza.....	101	14.9	17.6	4.2	27.7	24.1	5.0	28.7	28.9	5.3
Chronic Obstructive Pulmonary Disease.....	15	33.3	8.7	*	46.7	14.7	*	46.7	19.7	*
Transient Cerebral Ischemia.....	11	18.2	1.9	*	18.2	4.3	*	27.3	6.9	*
Stroke.....	54	25.9	18.2	8.1	29.6	25.0	6.8	31.5	29.4	6.4
Hip Fracture.....	75	9.3	6.3	4.5	14.7	11.5	5.8	17.3	15.0	5.4
Sepsis.....	12	58.3	28.8	*	58.3	37.1	*	58.3	43.6	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	4	0.0	7.2	*	0.0	12.6	*	0.0	15.9	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	36	5.6	3.4	*	8.3	6.5	*	8.3	8.8	*
Open Reduction of Hip Fracture.....	50	10.0	5.7	*	16.0	10.8	*	20.0	14.3	*
Prostatectomy.....	92	1.1	0.9	1.0	2.2	2.2	1.6	4.3	3.7	2.2
Cholecystectomy.....	35	2.9	2.9	*	2.9	5.5	*	5.7	7.4	*
Hysterectomy.....	10	0.0	0.5	*	0.0	1.1	*	0.0	1.7	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 154
Occupancy Rate..... 55
Ownership/Control..... Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 59
Percent of Physicians Board Certified Specialists..... 68
Medical Residents/Interns..... 2
Registered Nurses..... 146
Licensed Practical Nurses..... 13

SPECIALTY SERVICES:

Burn Unit..... No
Cardiac Intensive Care..... No
Comprehensive Geriatric..... No
Hospice Care..... No
Medical/Surgical Intensive Care..... Yes
Organ/Tissue Transplant..... No
Other Intensive Care..... No
Rehabilitation Unit..... No
Trauma Center..... No

** Not used in calculating hospital mortality rates.

TRINITY REGIONAL HOSPITAL

Medicare Provider Number: 160016

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	1,566	8.9	8.1	0.8	12.7	12.1	0.9	16.2	15.3	1.0
CONDITIONS:										
Acute Myocardial Infarction.....	52	30.8	29.4	6.6	32.7	33.4	6.9	32.7	37.2	8.8
Congestive Heart Failure.....	65	16.9	18.0	4.8	23.1	27.0	5.9	33.8	34.1	5.9
Pneumonia/Influenza.....	79	24.1	18.0	7.4	31.6	24.3	7.5	34.2	29.2	6.3
Chronic Obstructive Pulmonary Disease.....	5	0.0	4.5	*	20.0	8.3	*	40.0	11.9	*
Transient Cerebral Ischemia.....	13	0.0	2.3	*	7.7	5.4	*	15.4	8.6	*
Stroke.....	53	17.0	22.0	6.8	30.2	28.6	7.9	37.7	33.0	7.1
Hip Fracture.....	79	6.3	6.7	2.9	8.9	12.4	4.4	13.9	16.1	4.7
Sepsis.....	12	41.7	25.7	*	50.0	33.3	*	58.3	39.8	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	1	0.0	2.8	*	0.0	5.7	*	0.0	7.6	*
Initial Pacemaker Insertion.....	13	0.0	9.9	*	0.0	14.1	*	7.7	18.1	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	62	1.6	3.0	2.4	3.2	5.8	3.7	6.5	7.8	3.7
Open Reduction of Hip Fracture.....	46	6.5	6.1	*	8.7	11.9	*	15.2	16.0	*
Prostatectomy.....	66	1.5	1.0	1.3	3.0	2.7	2.0	6.1	4.5	3.1
Cholecystectomy.....	31	3.2	2.1	*	3.2	3.8	*	3.2	5.0	*
Hysterectomy.....	17	0.0	0.6	*	0.0	1.2	*	0.0	1.7	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	1,581	10.1	8.5	0.9	14.4	12.7	1.1	17.1	16.0	1.0
CONDITIONS:										
Acute Myocardial Infarction.....	54	31.5	27.0	9.0	33.3	30.2	9.0	37.0	33.5	9.7
Congestive Heart Failure.....	81	21.0	17.0	6.6	25.9	25.3	5.6	30.9	32.2	5.3
Pneumonia/Influenza.....	78	19.2	14.6	7.2	23.1	19.9	6.3	25.6	24.4	5.1
Chronic Obstructive Pulmonary Disease.....	11	36.4	9.1	*	36.4	15.4	*	36.4	20.9	*
Transient Cerebral Ischemia.....	14	7.1	1.9	*	14.3	4.3	*	14.3	6.8	*
Stroke.....	57	29.8	19.0	7.6	36.8	25.4	7.9	40.4	29.6	8.4
Hip Fracture.....	58	3.4	5.4	3.2	6.9	10.1	5.0	8.6	13.4	5.6
Sepsis.....	12	41.7	27.7	*	41.7	35.8	*	50.0	42.1	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	17	0.0	3.3	*	5.9	7.4	*	11.8	11.4	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	39	0.0	1.8	*	2.6	3.6	*	2.6	4.8	*
Open Reduction of Hip Fracture.....	42	2.4	4.7	*	7.1	9.3	*	9.5	12.6	*
Prostatectomy.....	68	0.0	1.0	2.0	2.9	2.6	2.6	5.9	4.4	4.0
Cholecystectomy.....	26	0.0	3.1	*	0.0	5.7	*	0.0	7.6	*
Hysterectomy.....	12	0.0	1.0	*	0.0	2.1	*	0.0	3.2	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

The University of Iowa

Iowa City, Iowa 52242

The University of Iowa Hospitals and Clinics
Office of the Director and Assistant to
The President for Statewide Health Services

January 14, 1991

319/356-1616



1847

Health Care Financing Administration
Health Standards and Quality Bureau
ATTN: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, MD 21207

RE: Predicted Mortality Rates for the University of Iowa Hospitals and Clinics
(Provider Number: 16-0058)

Dear Mrs. Kappert:

We are once again appreciative of the opportunity to provide comments on the University of Iowa Hospitals and Clinics (UIHC) Medicare mortality rates prior to their public release next Spring. While we are aware that significant changes have occurred within HCFA's methodology to predict mortality rates, we do not subscribe to the general methodology used. We offer a number of comments for your consideration as you develop more valid methods of reporting Medicare mortality rates and other indicators of quality in the future.

- o No evidence is presented to support the reliability and validity of the mortality model that is used to predict mortality rates. New methods to stratify patients by "risk" level were not provided for our scrutiny. Accordingly, we must conclude that this year's mortality model, as in previous years, does not have any statistical control over patients' severity of illness.
- o Comprehensive tertiary care referral centers, such as the UIHC, treat more severely ill patients who often have a poorer prognosis at admission and receive specialized services not otherwise available in community hospitals. Therefore, the UIHC's experience cannot be validly contrasted with that of community hospitals which can be expected to have lower mortality rates based on the differences in the patient populations each respectively serves. In fact, many programs, by design, transfer those patients with the highest potential for death to our center for care to assure that they have every possible advantage for survival.
- o A priority in the delivery of tertiary-level inpatient services at the UIHC is a commitment to returning the patient to his or her home community for the requisite follow-up care. Accordingly, given the elongated time periods associated with this year's model (up to 180 days), it may be highly inappropriate to attribute the mortality statistics to the UIHC when substantial intervening care may have occurred following the UIHC admission.
- o By not adequately accounting for severity of illness, the predicted mortality rates for selected procedures and conditions may be totally invalid for our patient population. For example, when analyzing the UIHC coronary artery bypass graft (CABG) patients, substantial risk factors were evident which dramatically elevated their potential for death. Several of these patients

had combined procedures encompassing CABG plus valve replacement, aneurysm resection or another vascular procedure. Moreover, there was no accommodation for observed emergent conditions such as dissecting aneurysms, acute infarctions and preoperative cardiogenic shock. To conduct a valid analysis, these emergent patients must be segregated from the elective CABG population. We also routinely care for complex patients who are transferred or referred from other institutions given the difficulty of the patients' management or the need to "redo" a failed procedure. Finally, over 76% of the UIHC's CABG mortalities had two or more vessels repaired and 54% had three or more vessels repaired. In totality, one can readily observe that the UIHC patient base is vastly dissimilar from that served in a community hospital.

- o In reviewing the HCFA data, over fifty errors were found. These errors lower the UIHC's reported mortality rates in six of the fifteen categories analyzed. More than half of all hospitalized patients in the data are included in the "All Causes" category. Given that the mortality rates within this global category are below the predicted value, the results for specific categories, most of which encompass small numbers, should be discounted.
- o Mortality rates are, at best, a crude measure of quality. At the UIHC, all hospital deaths are routinely reviewed by the appropriate clinical department. In addition, a broad array of other clinical outcome measures are reviewed as part of our comprehensive Quality Assurance Program. Deaths following discharge may be unrelated to the condition of the patient at discharge. Drawing conclusions about a hospital's quality of care based upon patient deaths occurring post-discharge, especially three to six months after admission, is potentially highly misleading. Many factors unrelated to quality or effectiveness of hospital care may influence the observed mortality rates.

Given the complexity of assessing the quality of patient care, consumers should be encouraged to discuss their care and choice of hospitals with their personal physician rather than relying on published mortality statistics to frame their health care decisions. Further, the mortality data are specific to Medicare patients only and, as such, have very limited applicability to other patient populations, such as obstetric and pediatric patients. Accordingly, the information contained within this data release must not be generalized to the universe of patients.

We strongly agree that physicians, hospitals and others in the health care system must work closely with HCFA in developing valid and reliable measures of quality to respond to the public's demand for such information. However, we caution against the widespread use of this mortality data as a valid benchmark of quality, given the array of considerations presented in this correspondence. Only an ongoing peer review process, such as the one at the UIHC, of the actual care rendered to individual patients can indicate whether there are problems with the process or outcomes of care. We look forward to continuing to work with the Health Care Financing Administration as its methodologies are further refined.

Sincerely,



William D. Petasnick
Administrator

VAN BUREN COUNTY MEMORIAL HOSPITAL

Hwy 1 N Box 70
Keosauqua, IA 52565

Medicare Provider Number: 160054

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	168	11.9	9.9	3.5	17.9	15.2	3.3	23.2	19.3	3.7
CONDITIONS:										
Acute Myocardial Infarction.....	2	0.0	39.2	*	0.0	42.6	*	0.0	46.0	*
Congestive Heart Failure.....	28	35.7	19.1	*	39.3	29.1	*	50.0	36.6	*
Pneumonia/Influenza.....	9	11.1	17.1	*	22.2	23.9	*	33.3	28.8	*
Chronic Obstructive Pulmonary Disease.....	1	0.0	19.5	*	0.0	25.7	*	0.0	31.1	*
Transient Cerebral Ischemia.....	2	0.0	2.2	*	50.0	5.1	*	50.0	8.3	*
Stroke.....	6	16.7	19.5	*	16.7	27.3	*	16.7	32.1	*
Hip Fracture.....	6	0.0	10.8	*	0.0	18.8	*	0.0	23.6	*
Sepsis.....	2	50.0	35.9	*	50.0	42.2	*	50.0	48.2	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	2	0.0	4.2	*	0.0	7.6	*	0.0	9.8	*
Open Reduction of Hip Fracture.....	3	0.0	10.6	*	0.0	19.7	*	0.0	25.5	*
Prostatectomy.....	0									
Cholecystectomy.....	1	0.0	3.0	*	0.0	5.6	*	0.0	7.2	*
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 40
Occupancy Rate..... 35
Ownership/Control..... Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 4
Percent of Physicians Board Certified Specialists..... (Not Available)
Medical Residents/Interns..... 0
Registered Nurses..... 14
Licensed Practical Nurses..... 4

SPECIALTY SERVICES:

Burn Unit..... No
Cardiac Intensive Care..... No
Comprehensive Geriatric..... No
Hospice Care..... No
Medical/Surgical Intensive Care..... No
Organ/Tissue Transplant..... No
Other Intensive Care..... No
Rehabilitation Unit..... No
Trauma Center..... No

** Not used in calculating hospital mortality rates.

VAN BUREN COUNTY MEMORIAL HOSPITAL

Medicare Provider Number: 160054

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	167	13.8	9.3	3.8	17.4	13.9	3.6	19.2	17.7	3.7
CONDITIONS:										
Acute Myocardial Infarction.....	9	55.6	35.0	*	55.6	38.6	*	55.6	41.9	*
Congestive Heart Failure.....	8	25.0	13.1	*	25.0	20.9	*	37.5	27.5	*
Pneumonia/Influenza.....	14	35.7	18.9	*	35.7	25.9	*	35.7	31.2	*
Chronic Obstructive Pulmonary Disease.....	5	20.0	5.6	*	40.0	9.9	*	40.0	13.9	*
Transient Cerebral Ischemia.....	1	0.0	2.5	*	0.0	5.1	*	0.0	7.9	*
Stroke.....	10	40.0	17.4	*	40.0	22.8	*	40.0	27.2	*
Hip Fracture.....	4	0.0	8.5	*	0.0	16.2	*	0.0	21.4	*
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	3	0.0	4.5	*	0.0	8.5	*	0.0	11.0	*
Open Reduction of Hip Fracture.....	1	0.0	17.1	*	0.0	35.4	*	0.0	48.7	*
Prostatectomy.....	1	0.0	0.6	*	0.0	1.5	*	0.0	2.5	*
Cholecystectomy.....	1	0.0	4.3	*	0.0	6.0	*	0.0	7.1	*
Hysterectomy.....	1	0.0	1.3	*	0.0	3.1	*	0.0	5.1	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	198	10.6	11.0	2.3	15.7	15.8	3.4	17.7	19.7	3.1
CONDITIONS:										
Acute Myocardial Infarction.....	15	40.0	35.8	*	46.7	39.6	*	46.7	43.7	*
Congestive Heart Failure.....	10	20.0	16.9	*	20.0	25.2	*	20.0	32.1	*
Pneumonia/Influenza.....	14	0.0	13.4	*	7.1	18.2	*	7.1	22.3	*
Chronic Obstructive Pulmonary Disease.....	5	20.0	8.7	*	20.0	15.3	*	40.0	20.8	*
Transient Cerebral Ischemia.....	2	0.0	2.9	*	0.0	6.6	*	0.0	10.7	*
Stroke.....	11	9.1	20.1	*	9.1	25.9	*	18.2	30.6	*
Hip Fracture.....	4	0.0	6.6	*	25.0	11.2	*	25.0	14.2	*
Sepsis.....	1	0.0	34.9	*	0.0	38.6	*	0.0	43.1	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	2	0.0	5.0	*	0.0	8.4	*	0.0	10.7	*
Open Reduction of Hip Fracture.....	2	0.0	6.9	*	50.0	12.6	*	50.0	16.2	*
Prostatectomy.....	2	0.0	1.4	*	50.0	3.4	*	50.0	5.4	*
Cholecystectomy.....	5	20.0	6.0	*	20.0	11.9	*	20.0	16.6	*
Hysterectomy.....	2	0.0	0.9	*	0.0	1.5	*	0.0	2.2	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

VETERANS MEMORIAL HOSPITAL

22 First Avenue S E
Waukon, IA 52172

Medicare Provider Number: 160023

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	178	13.5	10.5	3.7	24.2	16.0	4.6	28.1	20.6	4.7
CONDITIONS:										
Acute Myocardial Infarction.....	5	60.0	43.6	*	80.0	48.3	*	80.0	53.9	*
Congestive Heart Failure.....	15	13.3	14.5	*	46.7	22.7	*	60.0	29.7	*
Pneumonia/Influenza.....	10	20.0	17.4	*	40.0	23.5	*	40.0	28.6	*
Chronic Obstructive Pulmonary Disease.....	0									
Transient Cerebral Ischemia.....	0									
Stroke.....	4	0.0	16.1	*	25.0	21.0	*	25.0	25.1	*
Hip Fracture.....	8	0.0	5.7	*	12.5	10.5	*	12.5	13.7	*
Sepsis.....	3	33.3	30.7	*	66.7	37.2	*	66.7	43.1	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	4	0.0	4.0	*	0.0	7.9	*	0.0	10.8	*
Open Reduction of Hip Fracture.....	1	0.0	9.7	*	100.0	18.2	*	100.0	23.4	*
Prostatectomy.....	3	0.0	0.9	*	0.0	1.9	*	0.0	3.2	*
Cholecystectomy.....	3	33.3	2.8	*	33.3	4.8	*	33.3	5.9	*
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 40
Occupancy Rate..... 28
Ownership/Control..... Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 4
Percent of Physicians Board Certified Specialists..... 75
Medical Residents/Interns..... 0
Registered Nurses..... 15
Licensed Practical Nurses..... 5

SPECIALTY SERVICES:

Burn Unit..... No
Cardiac Intensive Care..... Yes
Comprehensive Geriatric..... No
Hospice Care..... No
Medical/Surgical Intensive Care..... No
Organ/Tissue Transplant..... No
Other Intensive Care..... No
Rehabilitation Unit..... No
Trauma Center..... No

** Not used in calculating hospital mortality rates.

VETERANS MEMORIAL HOSPITAL

Medicare Provider Number: 160023

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	201	11.4	10.4	4.5	17.9	15.8	5.8	22.9	20.1	5.1
CONDITIONS:										
Acute Myocardial Infarction.....	6	16.7	28.6	*	16.7	31.0	*	16.7	34.1	*
Congestive Heart Failure.....	9	44.4	19.4	*	44.4	29.0	*	55.6	36.3	*
Pneumonia/Influenza.....	16	6.3	15.7	*	25.0	21.6	*	25.0	26.2	*
Chronic Obstructive Pulmonary Disease.....	4	0.0	5.4	*	25.0	10.0	*	25.0	14.1	*
Transient Cerebral Ischemia.....	1	0.0	1.6	*	0.0	3.5	*	0.0	5.6	*
Stroke.....	11	36.4	19.2	*	36.4	24.7	*	36.4	29.0	*
Hip Fracture.....	14	0.0	6.8	*	0.0	12.5	*	21.4	16.2	*
Sepsis.....	6	0.0	14.5	*	0.0	19.0	*	0.0	23.3	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	2	0.0	8.1	*	0.0	15.0	*	0.0	19.0	*
Open Reduction of Hip Fracture.....	4	0.0	4.1	*	0.0	8.4	*	0.0	11.7	*
Prostatectomy.....	3	0.0	0.6	*	0.0	1.2	*	0.0	1.9	*
Cholecystectomy.....	3	0.0	1.5	*	0.0	2.4	*	0.0	3.0	*
Hysterectomy.....	3	0.0	0.9	*	0.0	1.8	*	0.0	2.5	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	224	12.5	9.5	3.5	18.8	14.8	4.0	22.3	18.9	4.0
CONDITIONS:										
Acute Myocardial Infarction.....	5	60.0	30.7	*	60.0	33.9	*	80.0	37.8	*
Congestive Heart Failure.....	15	20.0	16.0	*	33.3	24.9	*	40.0	32.5	*
Pneumonia/Influenza.....	13	15.4	13.5	*	23.1	19.1	*	23.1	23.8	*
Chronic Obstructive Pulmonary Disease.....	6	0.0	9.9	*	0.0	16.7	*	0.0	22.1	*
Transient Cerebral Ischemia.....	1	0.0	1.3	*	0.0	3.0	*	0.0	4.8	*
Stroke.....	13	38.5	19.9	*	46.2	26.1	*	46.2	31.1	*
Hip Fracture.....	13	7.7	6.5	*	7.7	12.6	*	7.7	17.0	*
Sepsis.....	3	66.7	20.9	*	66.7	28.5	*	66.7	32.7	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	5	0.0	5.1	*	0.0	10.4	*	0.0	14.3	*
Open Reduction of Hip Fracture.....	5	20.0	5.2	*	20.0	9.9	*	20.0	13.1	*
Prostatectomy.....	9	0.0	2.3	*	0.0	5.8	*	0.0	9.8	*
Cholecystectomy.....	8	0.0	2.4	*	12.5	4.1	*	12.5	5.0	*
Hysterectomy.....	2	0.0	0.9	*	0.0	1.5	*	0.0	2.0	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

VIRGINIA GAY HOSPITAL

502 N Ninth Ave
Vinton, IA 52349

Medicare Provider Number: 160093

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	239	13.4	8.9	2.6	18.0	13.1	2.9	22.2	16.5	3.3
CONDITIONS:										
Acute Myocardial Infarction.....	23	43.5	24.0	*	43.5	27.2	*	47.8	30.1	*
Congestive Heart Failure.....	25	28.0	13.3	*	40.0	21.7	*	40.0	28.5	*
Pneumonia/Influenza.....	19	21.1	15.2	*	21.1	22.6	*	26.3	27.9	*
Chronic Obstructive Pulmonary Disease.....	4	0.0	5.3	*	0.0	8.2	*	25.0	10.6	*
Transient Cerebral Ischemia.....	7	0.0	1.3	*	0.0	2.8	*	0.0	4.5	*
Stroke.....	9	0.0	14.3	*	22.2	21.3	*	33.3	25.6	*
Hip Fracture.....	1	0.0	4.5	*	0.0	9.6	*	0.0	13.8	*
Sepsis.....	3	0.0	20.2	*	0.0	25.0	*	0.0	30.3	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	4	0.0	1.6	*	0.0	2.6	*	0.0	3.2	*
Hysterectomy.....	1	0.0	4.3	*	0.0	8.3	*	0.0	12.1	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 89
Occupancy Rate..... 78
Ownership/Control..... Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 3
Percent of Physicians Board Certified Specialists..... 100
Medical Residents/Interns..... (Not Available)
Registered Nurses..... (Not Available)
Licensed Practical Nurses..... (Not Available)

SPECIALTY SERVICES:

Burn Unit..... No
Cardiac Intensive Care..... No
Comprehensive Geriatric..... No
Hospice Care..... Yes
Medical/Surgical Intensive Care..... No
Organ/Tissue Transplant..... No
Other Intensive Care..... No
Rehabilitation Unit..... No
Trauma Center..... No

** Not used in calculating hospital mortality rates.

VIRGINIA GAY HOSPITAL
 Medicare Provider Number: 160093

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	216	12.5	8.1	2.9	15.7	12.3	3.5	19.0	15.8	3.6
CONDITIONS:										
Acute Myocardial Infarction.....	8	37.5	32.7	*	37.5	37.8	*	62.5	42.0	*
Congestive Heart Failure.....	20	25.0	11.3	*	25.0	18.2	*	25.0	24.4	*
Pneumonia/Influenza.....	16	25.0	16.1	*	31.3	22.7	*	37.5	27.9	*
Chronic Obstructive Pulmonary Disease.....	8	0.0	2.7	*	12.5	5.5	*	12.5	8.0	*
Transient Cerebral Ischemia.....	5	0.0	1.2	*	0.0	2.5	*	0.0	4.0	*
Stroke.....	11	18.2	16.5	*	18.2	22.3	*	18.2	26.9	*
Hip Fracture.....	2	0.0	2.8	*	0.0	5.9	*	0.0	8.5	*
Sepsis.....	1	100.0	71.6	*	100.0	86.6	*	100.0	91.8	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	3	0.0	0.4	*	0.0	0.8	*	0.0	1.1	*
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	237	11.4	9.4	3.2	13.5	14.1	2.5	18.6	17.9	2.6
CONDITIONS:										
Acute Myocardial Infarction.....	10	30.0	26.2	*	30.0	30.0	*	30.0	34.1	*
Congestive Heart Failure.....	15	6.7	13.2	*	13.3	20.4	*	26.7	26.7	*
Pneumonia/Influenza.....	14	28.6	16.1	*	28.6	22.8	*	28.6	28.2	*
Chronic Obstructive Pulmonary Disease.....	2	50.0	5.9	*	50.0	14.8	*	50.0	24.9	*
Transient Cerebral Ischemia.....	6	0.0	1.5	*	0.0	3.3	*	0.0	5.4	*
Stroke.....	24	8.3	18.6	*	8.3	24.7	*	12.5	29.6	*
Hip Fracture.....	1	0.0	5.9	*	0.0	12.1	*	0.0	16.8	*
Sepsis.....	1	100.0	17.6	*	100.0	27.7	*	100.0	32.6	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	1	0.0	1.0	*	0.0	1.8	*	0.0	2.4	*
Hysterectomy.....	1	0.0	0.1	*	0.0	0.3	*	0.0	0.4	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

WASHINGTON COUNTY HOSPITAL

400 East Polk Street
Washington, IA 52353

Medicare Provider Number: 160012

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	296	13.2	12.2	3.1	18.6	16.9	3.3	22.3	20.8	2.7
CONDITIONS:										
Acute Myocardial Infarction.....	10	30.0	26.1	*	40.0	29.9	*	50.0	33.7	*
Congestive Heart Failure.....	30	6.7	13.8	*	13.3	21.1	*	20.0	27.5	*
Pneumonia/Influenza.....	28	17.9	13.8	*	17.9	18.7	*	21.4	22.8	*
Chronic Obstructive Pulmonary Disease.....	6	33.3	8.1	*	66.7	13.9	*	66.7	18.7	*
Transient Cerebral Ischemia.....	5	0.0	2.1	*	0.0	4.7	*	0.0	7.6	*
Stroke.....	20	15.0	24.4	*	30.0	31.0	*	35.0	35.8	*
Hip Fracture.....	0									
Sepsis.....	7	42.9	37.0	*	57.1	44.7	*	57.1	50.5	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	12	8.3	2.5	*	8.3	4.6	*	8.3	6.1	*
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989		SPECIALTY SERVICES:	
Total Beds.....	83	Burn Unit.....	No
Occupancy Rate.....	66	Cardiac Intensive Care.....	No
Ownership/Control.....	Local Government	Comprehensive Geriatric.....	No
STAFFING: (As of September 30, 1989)		Hospice Care.....	No
Total Number of Physicians.....	13	Medical/Surgical Intensive Care.....	Yes
Percent of Physicians Board Certified Specialists.....	15	Organ/Tissue Transplant.....	No
Medical Residents/Interns.....	(Not Available)	Other Intensive Care.....	No
Registered Nurses.....	(Not Available)	Rehabilitation Unit.....	No
Licensed Practical Nurses.....	(Not Available)	Trauma Center.....	No

** Not used in calculating hospital mortality rates.

WASHINGTON COUNTY HOSPITAL

Medicare Provider Number: 160012

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	287	12.5	11.2	2.6	16.4	16.1	2.9	22.0	20.1	2.8
CONDITIONS:										
Acute Myocardial Infarction.....	14	35.7	31.2	*	35.7	35.9	*	42.9	39.8	*
Congestive Heart Failure.....	26	19.2	16.0	*	23.1	24.5	*	38.5	31.5	*
Pneumonia/Influenza.....	16	37.5	18.5	*	37.5	24.9	*	37.5	29.6	*
Chronic Obstructive Pulmonary Disease.....	5	20.0	6.8	*	40.0	12.1	*	40.0	16.5	*
Transient Cerebral Ischemia.....	5	0.0	2.2	*	0.0	4.8	*	0.0	7.6	*
Stroke.....	12	16.7	22.1	*	33.3	28.3	*	33.3	33.2	*
Hip Fracture.....	0									
Sepsis.....	5	0.0	23.6	*	0.0	29.4	*	0.0	35.2	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	1	100.0	36.5	*	100.0	43.9	*	100.0	49.3	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	11	0.0	4.2	*	9.1	7.4	*	18.2	9.3	*
Hysterectomy.....	4	0.0	1.1	*	0.0	2.9	*	25.0	5.3	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	326	12.0	11.4	2.2	16.3	16.4	2.1	19.9	20.3	2.2
CONDITIONS:										
Acute Myocardial Infarction.....	13	23.1	24.5	*	23.1	28.9	*	23.1	33.0	*
Congestive Heart Failure.....	27	18.5	16.2	*	25.9	24.0	*	29.6	30.6	*
Pneumonia/Influenza.....	21	28.6	17.1	*	28.6	23.0	*	42.9	28.1	*
Chronic Obstructive Pulmonary Disease.....	9	11.1	8.9	*	22.2	15.4	*	22.2	21.0	*
Transient Cerebral Ischemia.....	4	0.0	1.8	*	0.0	4.0	*	0.0	6.5	*
Stroke.....	18	33.3	26.1	*	33.3	33.6	*	38.9	39.1	*
Hip Fracture.....	1	0.0	6.6	*	0.0	12.6	*	0.0	16.7	*
Sepsis.....	1	0.0	25.0	*	0.0	29.1	*	0.0	34.2	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	10	0.0	4.2	*	0.0	6.9	*	0.0	8.2	*
Hysterectomy.....	6	0.0	0.2	*	0.0	0.5	*	0.0	0.8	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

WAVERLY MUNICIPAL HOSPITAL

312 9th St SW
Waverly, IA 50677

Medicare Provider Number: 160094

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	328	11.9	10.4	2.2	18.6	15.1	3.2	22.6	19.2	3.5
CONDITIONS:										
Acute Myocardial Infarction.....	13	23.1	32.5	*	38.5	36.0	*	46.2	39.5	*
Congestive Heart Failure.....	17	11.8	17.4	*	23.5	25.9	*	35.3	32.9	*
Pneumonia/Influenza.....	27	22.2	21.3	*	29.6	28.0	*	33.3	33.3	*
Chronic Obstructive Pulmonary Disease.....	2	0.0	12.5	*	0.0	18.0	*	0.0	22.8	*
Transient Cerebral Ischemia.....	5	0.0	1.7	*	20.0	3.8	*	20.0	6.1	*
Stroke.....	16	25.0	26.9	*	31.3	33.8	*	31.3	39.0	*
Hip Fracture.....	16	0.0	7.4	*	6.3	13.3	*	6.3	17.2	*
Sepsis.....	5	40.0	31.0	*	40.0	37.0	*	40.0	43.7	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	10	0.0	5.5	*	0.0	10.4	*	0.0	14.0	*
Open Reduction of Hip Fracture.....	6	0.0	4.2	*	0.0	8.4	*	0.0	11.3	*
Prostatectomy.....	20	0.0	1.2	*	0.0	2.7	*	0.0	4.4	*
Cholecystectomy.....	5	0.0	2.3	*	0.0	3.8	*	20.0	4.6	*
Hysterectomy.....	7	0.0	1.0	*	0.0	2.1	*	0.0	3.0	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 45
Occupancy Rate..... 31
Ownership/Control..... Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 9
Percent of Physicians Board Certified Specialists..... 89
Medical Residents/Interns..... 0
Registered Nurses..... 22
Licensed Practical Nurses..... 9

SPECIALTY SERVICES:

Burn Unit..... No
Cardiac Intensive Care..... No
Comprehensive Geriatric..... No
Hospice Care..... Yes
Medical/Surgical Intensive Care..... No
Organ/Tissue Transplant..... No
Other Intensive Care..... No
Rehabilitation Unit..... No
Trauma Center..... No

** Not used in calculating hospital mortality rates.

WAVERLY MUNICIPAL HOSPITAL

Medicare Provider Number: 160094

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	324	15.7	12.2	2.2	19.8	17.3	2.3	22.2	21.5	2.3
CONDITIONS:										
Acute Myocardial Infarction.....	16	18.8	27.8	*	18.8	31.0	*	18.8	34.5	*
Congestive Heart Failure.....	21	23.8	20.9	*	23.8	30.8	*	28.6	38.3	*
Pneumonia/Influenza.....	25	24.0	22.6	*	36.0	29.7	*	36.0	35.1	*
Chronic Obstructive Pulmonary Disease.....	1	0.0	7.1	*	0.0	11.9	*	0.0	16.3	*
Transient Cerebral Ischemia.....	4	25.0	3.4	*	25.0	8.0	*	25.0	13.0	*
Stroke.....	17	35.3	26.6	*	47.1	33.9	*	47.1	39.3	*
Hip Fracture.....	17	23.5	8.4	*	23.5	15.2	*	23.5	19.2	*
Sepsis.....	4	50.0	35.2	*	75.0	41.9	*	75.0	47.7	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	5	20.0	4.9	*	20.0	8.9	*	20.0	11.1	*
Open Reduction of Hip Fracture.....	8	12.5	7.5	*	12.5	14.3	*	12.5	18.6	*
Prostatectomy.....	14	0.0	0.8	*	0.0	1.8	*	0.0	2.9	*
Cholecystectomy.....	6	0.0	1.5	*	0.0	2.7	*	0.0	3.5	*
Hysterectomy.....	3	0.0	1.4	*	0.0	3.6	*	0.0	6.2	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	364	12.6	9.4	1.9	15.9	13.2	2.1	19.2	16.6	2.2
CONDITIONS:										
Acute Myocardial Infarction.....	22	31.8	31.1	*	31.8	34.3	*	31.8	37.8	*
Congestive Heart Failure.....	9	33.3	18.5	*	33.3	27.2	*	33.3	34.1	*
Pneumonia/Influenza.....	18	22.2	17.9	*	27.8	24.0	*	38.9	28.9	*
Chronic Obstructive Pulmonary Disease.....	5	0.0	6.9	*	20.0	13.1	*	60.0	18.1	*
Transient Cerebral Ischemia.....	9	11.1	2.4	*	11.1	5.6	*	11.1	9.2	*
Stroke.....	23	26.1	21.7	*	34.8	27.8	*	39.1	32.7	*
Hip Fracture.....	13	0.0	5.0	*	0.0	9.0	*	0.0	12.0	*
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	12	0.0	2.0	*	0.0	3.6	*	0.0	4.9	*
Open Reduction of Hip Fracture.....	4	0.0	4.1	*	0.0	8.3	*	0.0	11.3	*
Prostatectomy.....	23	4.3	1.1	*	4.3	2.5	*	8.7	3.9	*
Cholecystectomy.....	7	0.0	2.5	*	0.0	4.3	*	14.3	5.4	*
Hysterectomy.....	13	0.0	0.5	*	0.0	0.8	*	0.0	1.1	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

WAYNE COUNTY HOSPITAL

417 S East St
Corydon, IA 50060

Medicare Provider Number: 160113

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	251	10.0	11.3	2.2	13.9	17.1	3.1	17.5	21.6	4.1
CONDITIONS:										
Acute Myocardial Infarction.....	7	57.1	34.6	*	57.1	38.0	*	57.1	41.9	*
Congestive Heart Failure.....	12	8.3	17.6	*	8.3	27.3	*	8.3	35.3	*
Pneumonia/Influenza.....	15	26.7	17.1	*	26.7	23.9	*	33.3	29.1	*
Chronic Obstructive Pulmonary Disease.....	4	0.0	4.9	*	0.0	9.7	*	0.0	14.0	*
Transient Cerebral Ischemia.....	0									
Stroke.....	20	15.0	21.0	*	20.0	28.5	*	25.0	33.6	*
Hip Fracture.....	2	0.0	11.4	*	0.0	19.5	*	0.0	24.2	*
Sepsis.....	3	33.3	22.3	*	33.3	26.9	*	33.3	32.2	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	2	0.0	10.8	*	0.0	19.1	*	0.0	23.9	*
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	5	0.0	0.9	*	0.0	2.0	*	0.0	3.2	*
Cholecystectomy.....	9	0.0	3.2	*	0.0	5.1	*	0.0	6.4	*
Hysterectomy.....	1	0.0	0.2	*	0.0	0.3	*	0.0	0.4	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 28
Occupancy Rate..... 43
Ownership/Control..... Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 3
Percent of Physicians Board Certified Specialists..... 100
Medical Residents/Interns..... 0
Registered Nurses..... 14
Licensed Practical Nurses..... 8

SPECIALTY SERVICES:

Burn Unit..... No
Cardiac Intensive Care..... No
Comprehensive Geriatric..... No
Hospice Care..... No
Medical/Surgical Intensive Care..... Yes
Organ/Tissue Transplant..... No
Other Intensive Care..... No
Rehabilitation Unit..... No
Trauma Center..... Yes

** Not used in calculating hospital mortality rates.

WAYNE COUNTY HOSPITAL

Medicare Provider Number: 160113

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	218	13.8	12.2	2.4	17.4	18.4	2.7	21.6	23.1	3.0
CONDITIONS:										
Acute Myocardial Infarction.....	7	28.6	32.7	*	28.6	35.9	*	28.6	39.5	*
Congestive Heart Failure.....	10	0.0	20.0	*	10.0	28.5	*	40.0	35.7	*
Pneumonia/Influenza.....	16	18.8	19.1	*	25.0	26.3	*	25.0	31.3	*
Chronic Obstructive Pulmonary Disease.....	3	33.3	21.4	*	33.3	30.0	*	33.3	36.7	*
Transient Cerebral Ischemia.....	3	33.3	2.0	*	33.3	4.8	*	33.3	7.9	*
Stroke.....	12	16.7	21.4	*	25.0	28.1	*	33.3	33.0	*
Hip Fracture.....	6	16.7	7.3	*	16.7	12.9	*	16.7	16.5	*
Sepsis.....	2	0.0	29.4	*	0.0	37.4	*	0.0	42.8	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	4	25.0	7.1	*	25.0	12.4	*	25.0	15.5	*
Open Reduction of Hip Fracture.....	1	0.0	7.2	*	0.0	14.6	*	0.0	19.7	*
Prostatectomy.....	6	0.0	1.3	*	0.0	3.2	*	0.0	5.4	*
Cholecystectomy.....	5	20.0	4.4	*	20.0	6.7	*	20.0	7.7	*
Hysterectomy.....	4	0.0	0.2	*	0.0	0.3	*	0.0	0.4	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	215	10.7	9.4	2.3	14.9	14.5	2.6	17.7	18.6	2.8
CONDITIONS:										
Acute Myocardial Infarction.....	8	25.0	37.0	*	25.0	42.3	*	37.5	46.1	*
Congestive Heart Failure.....	2	50.0	20.0	*	50.0	26.7	*	50.0	33.4	*
Pneumonia/Influenza.....	19	26.3	17.0	*	31.6	23.6	*	36.8	28.5	*
Chronic Obstructive Pulmonary Disease.....	2	0.0	7.4	*	0.0	13.6	*	0.0	18.7	*
Transient Cerebral Ischemia.....	1	0.0	1.4	*	0.0	3.7	*	0.0	5.9	*
Stroke.....	8	50.0	24.1	*	50.0	30.8	*	50.0	35.4	*
Hip Fracture.....	12	8.3	10.5	*	16.7	19.1	*	25.0	24.9	*
Sepsis.....	2	50.0	27.9	*	100.0	36.6	*	100.0	42.8	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	1	0.0	6.1	*	0.0	13.6	*	0.0	19.9	*
Open Reduction of Hip Fracture.....	1	0.0	9.6	*	0.0	17.0	*	0.0	21.1	*
Prostatectomy.....	7	14.3	1.5	*	14.3	3.6	*	28.6	5.8	*
Cholecystectomy.....	3	0.0	2.5	*	0.0	4.3	*	0.0	5.4	*
Hysterectomy.....	3	0.0	4.9	*	33.3	8.8	*	33.3	11.9	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

WINNESHIEK COUNTY MEMORIAL HOSPITAL

901 Montgomery St
Decorah, IA 52101

Medicare Provider Number: 160081

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	422	8.3	11.5	2.3	14.5	17.1	2.7	19.4	21.4	2.4
CONDITIONS:										
Acute Myocardial Infarction.....	22	13.6	36.2	*	22.7	40.8	*	31.8	45.1	*
Congestive Heart Failure.....	35	20.0	18.0	*	25.7	28.0	*	37.1	36.0	*
Pneumonia/Influenza.....	36	8.3	15.9	*	22.2	21.7	*	27.8	26.3	*
Chronic Obstructive Pulmonary Disease.....	10	0.0	8.3	*	0.0	15.5	*	0.0	21.9	*
Transient Cerebral Ischemia.....	5	0.0	1.5	*	0.0	3.4	*	0.0	5.6	*
Stroke.....	23	26.1	22.7	*	34.8	29.4	*	39.1	34.4	*
Hip Fracture.....	17	5.9	5.7	*	5.9	10.5	*	5.9	13.8	*
Sepsis.....	1	100.0	32.8	*	100.0	39.2	*	100.0	46.9	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	5	0.0	5.8	*	0.0	11.3	*	0.0	15.2	*
Open Reduction of Hip Fracture.....	11	9.1	4.7	*	9.1	8.8	*	9.1	11.7	*
Prostatectomy.....	8	0.0	2.1	*	0.0	5.3	*	12.5	9.3	*
Cholecystectomy.....	4	0.0	1.9	*	25.0	3.5	*	25.0	4.5	*
Hysterectomy.....	3	0.0	0.1	*	0.0	0.3	*	0.0	0.4	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 83
Occupancy Rate..... 30
Ownership/Control..... Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 15
Percent of Physicians Board Certified Specialists..... 100
Medical Residents/Interns..... 0
Registered Nurses..... 42
Licensed Practical Nurses..... 13

SPECIALTY SERVICES:

Burn Unit..... No
Cardiac Intensive Care..... Yes
Comprehensive Geriatric..... No
Hospice Care..... No
Medical/Surgical Intensive Care..... No
Organ/Tissue Transplant..... No
Other Intensive Care..... No
Rehabilitation Unit..... No
Trauma Center..... No

** Not used in calculating hospital mortality rates.

WINNESHIEK COUNTY MEMORIAL HOSPITAL

Medicare Provider Number: 160081

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

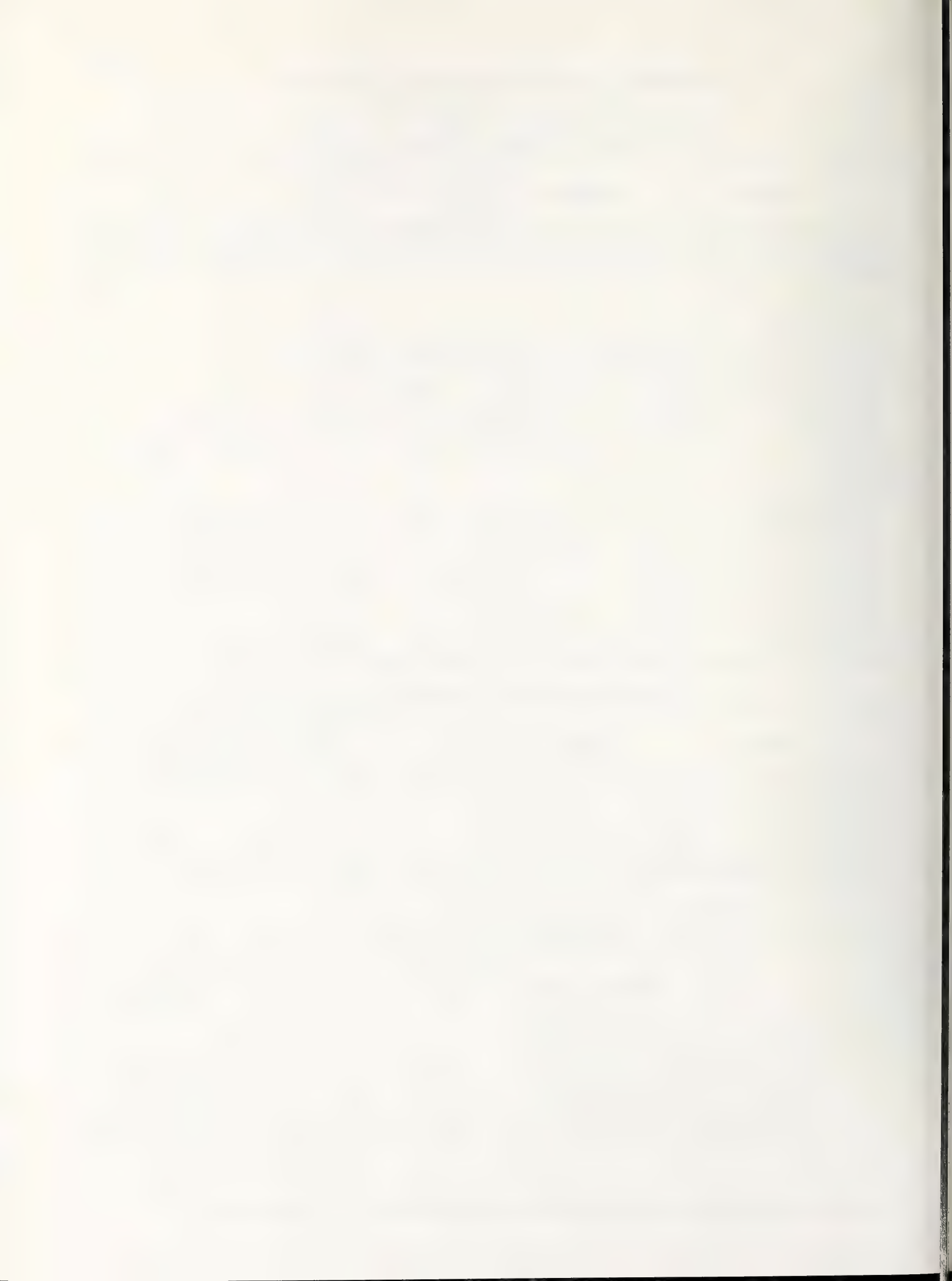
CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	483	8.5	9.8	1.6	14.1	14.8	2.0	17.6	18.7	1.9
CONDITIONS:										
Acute Myocardial Infarction.....	16	43.8	34.4	*	50.0	37.8	*	50.0	41.6	*
Congestive Heart Failure.....	30	16.7	16.8	*	26.7	26.1	*	36.7	33.3	*
Pneumonia/Influenza.....	30	13.3	17.5	*	20.0	24.0	*	23.3	28.8	*
Chronic Obstructive Pulmonary Disease.....	3	0.0	6.6	*	0.0	11.5	*	0.0	16.1	*
Transient Cerebral Ischemia.....	5	20.0	2.1	*	20.0	4.6	*	20.0	7.2	*
Stroke.....	18	11.1	24.3	*	22.2	31.5	*	33.3	36.4	*
Hip Fracture.....	20	5.0	6.8	*	10.0	12.6	*	10.0	16.4	*
Sepsis.....	3	33.3	29.7	*	66.7	37.8	*	66.7	45.4	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	9	0.0	6.1	*	0.0	12.1	*	0.0	16.1	*
Open Reduction of Hip Fracture.....	6	16.7	5.8	*	16.7	10.9	*	16.7	14.2	*
Prostatectomy.....	12	0.0	1.0	*	0.0	2.6	*	0.0	4.3	*
Cholecystectomy.....	19	0.0	2.2	*	5.3	3.8	*	5.3	4.8	*
Hysterectomy.....	4	0.0	3.0	*	0.0	5.2	*	0.0	7.2	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	479	9.4	9.8	1.8	13.8	14.8	2.7	17.3	18.9	2.6
CONDITIONS:										
Acute Myocardial Infarction.....	19	21.1	34.4	*	31.6	37.5	*	31.6	40.9	*
Congestive Heart Failure.....	38	21.1	17.0	*	23.7	26.1	*	28.9	33.7	*
Pneumonia/Influenza.....	39	17.9	14.6	*	25.6	20.1	*	33.3	24.6	*
Chronic Obstructive Pulmonary Disease.....	9	0.0	9.6	*	22.2	15.3	*	22.2	19.6	*
Transient Cerebral Ischemia.....	8	0.0	1.5	*	0.0	3.3	*	0.0	5.4	*
Stroke.....	20	15.0	22.8	*	20.0	29.9	*	25.0	35.2	*
Hip Fracture.....	12	8.3	5.2	*	8.3	9.9	*	16.7	13.3	*
Sepsis.....	3	33.3	39.4	*	33.3	51.1	*	33.3	59.9	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	3	0.0	3.8	*	0.0	7.2	*	33.3	9.6	*
Open Reduction of Hip Fracture.....	5	20.0	4.8	*	20.0	8.9	*	20.0	11.8	*
Prostatectomy.....	7	0.0	1.1	*	0.0	2.6	*	14.3	4.1	*
Cholecystectomy.....	13	0.0	4.6	*	0.0	9.0	*	7.7	12.3	*
Hysterectomy.....	7	0.0	0.7	*	0.0	1.6	*	0.0	2.5	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.



Kansas

ALLEN COUNTY HOSPITAL101 S 1st St
Iola, KS 66749

Medicare Provider Number: 170116

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	570	12.5	9.2	1.7	17.4	13.9	1.9	21.1	17.5	2.0
CONDITIONS:										
Acute Myocardial Infarction.....	18	33.3	28.8	*	33.3	32.3	*	33.3	35.7	*
Congestive Heart Failure.....	16	18.8	14.3	*	31.3	23.4	*	37.5	30.5	*
Pneumonia/Influenza.....	56	19.6	15.7	7.3	26.8	21.9	8.8	32.1	26.3	12.1
Chronic Obstructive Pulmonary Disease.....	11	9.1	6.7	*	9.1	11.9	*	9.1	16.4	*
Transient Cerebral Ischemia.....	9	11.1	1.8	*	11.1	3.9	*	22.2	6.1	*
Stroke.....	25	28.0	18.8	*	28.0	24.9	*	44.0	29.4	*
Hip Fracture.....	18	5.6	6.6	*	5.6	11.7	*	5.6	15.1	*
Sepsis.....	11	9.1	25.7	*	18.2	32.1	*	27.3	38.2	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	14	0.0	5.3	*	0.0	9.7	*	0.0	12.6	*
Open Reduction of Hip Fracture.....	8	12.5	6.1	*	12.5	11.4	*	12.5	15.0	*
Prostatectomy.....	14	0.0	0.7	*	7.1	1.7	*	7.1	2.8	*
Cholecystectomy.....	14	0.0	1.6	*	14.3	2.6	*	14.3	3.4	*
Hysterectomy.....	3	0.0	0.4	*	0.0	0.7	*	0.0	1.2	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 50
Occupancy Rate..... 50
Ownership/Control..... Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 14
Percent of Physicians Board Certified Specialists..... 50
Medical Residents/Interns..... 0
Registered Nurses..... 43
Licensed Practical Nurses..... 14

SPECIALTY SERVICES:

Burn Unit..... No
Cardiac Intensive Care..... No
Comprehensive Geriatric..... No
Hospice Care..... No
Medical/Surgical Intensive Care..... Yes
Organ/Tissue Transplant..... No
Other Intensive Care..... No
Rehabilitation Unit..... No
Trauma Center..... No

** Not used in calculating hospital mortality rates.

ALLEN COUNTY HOSPITAL

Medicare Provider Number: 170116

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	610	14.4	10.5	1.7	21.1	15.8	2.2	25.7	20.0	2.5
CONDITIONS:										
Acute Myocardial Infarction.....	16	43.8	36.9	*	43.8	41.3	*	43.8	45.6	*
Congestive Heart Failure.....	53	17.0	16.8	5.2	22.6	25.2	6.5	34.0	32.4	6.7
Pneumonia/Influenza.....	54	25.9	17.6	7.7	29.6	24.1	7.0	35.2	28.7	7.4
Chronic Obstructive Pulmonary Disease.....	9	0.0	8.8	*	22.2	14.9	*	22.2	20.3	*
Transient Cerebral Ischemia.....	7	0.0	2.1	*	0.0	4.5	*	0.0	7.0	*
Stroke.....	22	50.0	27.8	*	59.1	35.3	*	63.6	40.9	*
Hip Fracture.....	13	7.7	5.8	*	7.7	11.2	*	15.4	14.6	*
Sepsis.....	10	20.0	23.2	*	20.0	30.1	*	40.0	36.9	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	8	12.5	3.2	*	12.5	6.4	*	25.0	8.8	*
Open Reduction of Hip Fracture.....	4	0.0	4.7	*	0.0	9.1	*	0.0	12.0	*
Prostatectomy.....	16	0.0	0.5	*	6.3	1.3	*	18.8	2.2	*
Cholecystectomy.....	7	14.3	2.6	*	14.3	5.0	*	14.3	7.1	*
Hysterectomy.....	2	0.0	0.1	*	0.0	0.2	*	0.0	0.3	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	536	12.3	8.7	1.8	18.5	13.2	2.2	21.6	16.8	2.2
CONDITIONS:										
Acute Myocardial Infarction.....	27	33.3	24.7	*	37.0	28.4	*	37.0	32.1	*
Congestive Heart Failure.....	33	15.2	16.7	*	27.3	25.3	*	30.3	32.4	*
Pneumonia/Influenza.....	45	11.1	12.1	*	20.0	16.9	*	20.0	20.8	*
Chronic Obstructive Pulmonary Disease.....	6	0.0	4.8	*	0.0	10.4	*	33.3	15.7	*
Transient Cerebral Ischemia.....	7	14.3	1.7	*	14.3	3.5	*	14.3	5.6	*
Stroke.....	33	21.2	18.2	*	24.2	23.9	*	33.3	28.5	*
Hip Fracture.....	12	25.0	4.7	*	25.0	8.7	*	25.0	11.5	*
Sepsis.....	6	16.7	32.3	*	33.3	40.8	*	33.3	47.8	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	6	33.3	4.6	*	33.3	7.9	*	33.3	10.0	*
Open Reduction of Hip Fracture.....	8	12.5	2.9	*	12.5	6.0	*	12.5	8.4	*
Prostatectomy.....	16	6.3	0.7	*	12.5	1.8	*	18.8	3.1	*
Cholecystectomy.....	15	0.0	1.2	*	0.0	2.1	*	0.0	2.8	*
Hysterectomy.....	1	0.0	0.1	*	0.0	0.1	*	0.0	0.2	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

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ALLEN COUNTY HOSPITAL

101 South First Street
Post Office Box 540
Iola, Kansas 66749
316-365-3131

January 15, 1991

Health Care Financing Administration
Health Standards & Quality Bureau
Attn: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Blvd.
Baltimore, MD 21207

Dear Mrs. Kappert:

Thank you for the opportunity to review, prior to its public release, the 1989 mortality data for Allen County Hospital.

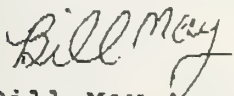
Following the release of the 1988 hospital mortality data, Allen County Hospital contracted with an independent organization to conduct a review of each hospital death. The results of this independent review indicated that there were no hospital deaths attributable to either inappropriate or substandard medical care.

In 1989 we analyzed the hospital mortality data using the statistical methods recommended. The results of our analysis indicate that in the "All Cases" category, the observed mortality data at Allen County Hospital is consistent with the mortality data experienced by 95 percent of the hospitals included in the survey. Only one other category, pneumonia/influenza, had a sufficient number of cases to merit analysis using the recommended statistical methods. In that category, Allen County Hospital was also within the predicted range.

Also in 1989, Allen County Hospital experienced a decrease in the mortality rate in a number of the HCFA mortality categories studied although the actual number of patients treated increased. Therefore, based on this analysis it can be concluded that Allen County Hospital continues to provide quality medical care to the residents of its service area.

Again, thank you for the opportunity to review and comment on this information.

Sincerely,



Bill May
Administrator

ANDERSON COUNTY HOSPITAL

421 S Maple
Garnett, KS 66032

Medicare Provider Number: 170035

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	203	11.8	9.2	2.1	14.3	13.5	2.6	15.8	17.1	2.8
CONDITIONS:										
Acute Myocardial Infarction.....	8	25.0	32.7	*	25.0	36.1	*	25.0	40.2	*
Congestive Heart Failure.....	13	46.2	19.5	*	46.2	27.0	*	46.2	33.5	*
Pneumonia/Influenza.....	20	15.0	15.0	*	15.0	21.1	*	15.0	26.1	*
Chronic Obstructive Pulmonary Disease.....	5	0.0	4.0	*	0.0	6.9	*	0.0	9.7	*
Transient Cerebral Ischemia.....	1	0.0	5.9	*	0.0	14.7	*	0.0	24.6	*
Stroke.....	14	21.4	19.7	*	21.4	25.1	*	28.6	29.6	*
Hip Fracture.....	1	0.0	5.5	*	0.0	10.0	*	0.0	13.1	*
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	4	25.0	16.4	*	25.0	24.0	*	25.0	26.3	*
Cholecystectomy.....	2	0.0	0.9	*	0.0	1.6	*	0.0	2.3	*
Hysterectomy.....	2	0.0	0.1	*	0.0	0.3	*	0.0	0.4	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 58
Occupancy Rate..... 60
Ownership/Control..... Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 4
Percent of Physicians Board Certified Specialists..... (Not Available)
Medical Residents/Interns..... 0
Registered Nurses..... 14
Licensed Practical Nurses..... 1

SPECIALTY SERVICES:

Burn Unit..... No
Cardiac Intensive Care..... No
Comprehensive Geriatric..... No
Hospice Care..... No
Medical/Surgical Intensive Care..... No
Organ/Tissue Transplant..... No
Other Intensive Care..... No
Rehabilitation Unit..... No
Trauma Center..... No

** Not used in calculating hospital mortality rates.

ANDERSON COUNTY HOSPITAL

Medicare Provider Number: 170035

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	252	12.7	10.9	2.5	17.1	15.5	2.9	19.4	19.6	2.8
CONDITIONS:										
Acute Myocardial Infarction.....	16	6.3	37.2	*	12.5	40.6	*	12.5	45.1	*
Congestive Heart Failure.....	15	40.0	17.8	*	46.7	27.2	*	46.7	34.7	*
Pneumonia/Influenza.....	27	7.4	15.3	*	11.1	21.1	*	14.8	25.7	*
Chronic Obstructive Pulmonary Disease.....	7	0.0	8.2	*	14.3	14.3	*	14.3	19.6	*
Transient Cerebral Ischemia.....	3	0.0	2.0	*	0.0	4.5	*	0.0	7.0	*
Stroke.....	17	23.5	18.1	*	29.4	23.6	*	35.3	28.0	*
Hip Fracture.....	1	0.0	5.5	*	0.0	10.6	*	0.0	13.3	*
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	7	0.0	0.9	*	0.0	2.2	*	14.3	3.8	*
Cholecystectomy.....	5	0.0	4.1	*	20.0	9.4	*	20.0	14.3	*
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	211	9.0	9.8	2.5	16.1	14.4	2.7	16.6	18.4	3.0
CONDITIONS:										
Acute Myocardial Infarction.....	8	25.0	30.8	*	25.0	35.2	*	25.0	40.0	*
Congestive Heart Failure.....	10	20.0	20.8	*	40.0	28.4	*	40.0	34.7	*
Pneumonia/Influenza.....	25	16.0	15.0	*	28.0	20.3	*	28.0	25.0	*
Chronic Obstructive Pulmonary Disease.....	3	0.0	5.6	*	33.3	9.2	*	33.3	12.8	*
Transient Cerebral Ischemia.....	5	0.0	3.0	*	20.0	7.2	*	20.0	11.7	*
Stroke.....	15	26.7	19.3	*	40.0	25.2	*	40.0	29.9	*
Hip Fracture.....	1	100.0	20.8	*	100.0	39.7	*	100.0	52.6	*
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	10	0.0	0.8	*	0.0	2.0	*	0.0	3.3	*
Cholecystectomy.....	1	0.0	0.6	*	0.0	1.1	*	0.0	1.5	*
Hysterectomy.....	2	0.0	0.3	*	0.0	0.5	*	0.0	0.8	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

ARKANSAS CITY MEMORIAL HOSPITAL

216 W Birch St
Arkansas City, KS 67005

Medicare Provider Number: 170150

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	550	10.0	9.5	1.5	13.6	14.2	2.2	17.1	18.1	2.8
CONDITIONS:										
Acute Myocardial Infarction.....	17	35.3	23.9	*	35.3	26.9	*	35.3	30.1	*
Congestive Heart Failure.....	20	10.0	12.4	*	25.0	19.7	*	35.0	26.1	*
Pneumonia/Influenza.....	42	11.9	16.0	*	21.4	22.2	*	21.4	27.1	*
Chronic Obstructive Pulmonary Disease.....	14	0.0	9.6	*	0.0	16.4	*	0.0	22.3	*
Transient Cerebral Ischemia.....	9	0.0	2.3	*	0.0	5.5	*	0.0	9.1	*
Stroke.....	23	56.5	24.6	*	56.5	31.7	*	60.9	36.5	*
Hip Fracture.....	24	12.5	7.6	*	16.7	13.4	*	20.8	17.2	*
Sepsis.....	11	9.1	34.7	*	9.1	44.3	*	18.2	51.3	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	4	25.0	4.6	*	25.0	7.7	*	25.0	9.6	*
Open Reduction of Hip Fracture.....	6	16.7	7.0	*	16.7	13.1	*	16.7	17.2	*
Prostatectomy.....	22	0.0	0.5	*	0.0	1.2	*	4.5	2.0	*
Cholecystectomy.....	16	0.0	2.0	*	0.0	3.5	*	0.0	4.5	*
Hysterectomy.....	2	0.0	0.2	*	0.0	0.5	*	0.0	0.7	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 95
Occupancy Rate..... 34
Ownership/Control..... Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 17
Percent of Physicians Board Certified Specialists..... 59
Medical Residents/Interns..... 0
Registered Nurses..... 43
Licensed Practical Nurses..... 6

SPECIALTY SERVICES:

Burn Unit..... No
Cardiac Intensive Care..... No
Comprehensive Geriatric..... No
Hospice Care..... Yes
Medical/Surgical Intensive Care..... Yes
Organ/Tissue Transplant..... No
Other Intensive Care..... No
Rehabilitation Unit..... No
Trauma Center..... No

** Not used in calculating hospital mortality rates.

ARKANSAS CITY MEMORIAL HOSPITAL

Medicare Provider Number: 170150

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	535	10.3	9.5	2.1	15.5	14.5	2.0	19.4	18.5	2.0
CONDITIONS:										
Acute Myocardial Infarction.....	18	22.2	26.6	*	33.3	29.4	*	33.3	32.7	*
Congestive Heart Failure.....	38	23.7	16.2	*	31.6	24.3	*	36.8	30.8	*
Pneumonia/Influenza.....	30	13.3	16.8	*	13.3	22.7	*	16.7	27.5	*
Chronic Obstructive Pulmonary Disease.....	9	0.0	9.1	*	0.0	15.7	*	0.0	21.4	*
Transient Cerebral Ischemia.....	8	0.0	2.2	*	12.5	4.9	*	25.0	7.6	*
Stroke.....	17	41.2	22.1	*	47.1	29.7	*	47.1	34.6	*
Hip Fracture.....	19	10.5	8.1	*	21.1	14.6	*	31.6	18.7	*
Sepsis.....	10	10.0	21.4	*	20.0	30.1	*	30.0	36.6	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	9	11.1	4.3	*	11.1	7.8	*	11.1	9.9	*
Open Reduction of Hip Fracture.....	10	10.0	7.7	*	20.0	14.6	*	20.0	19.0	*
Prostatectomy.....	12	0.0	0.4	*	0.0	1.1	*	0.0	1.8	*
Cholecystectomy.....	11	9.1	2.0	*	9.1	4.0	*	9.1	5.5	*
Hysterectomy.....	6	0.0	1.5	*	0.0	3.5	*	0.0	5.6	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	537	10.4	10.6	1.4	14.7	15.8	2.0	17.9	20.0	2.3
CONDITIONS:										
Acute Myocardial Infarction.....	17	17.6	27.3	*	17.6	30.0	*	17.6	33.1	*
Congestive Heart Failure.....	32	15.6	16.9	*	25.0	25.5	*	37.5	32.5	*
Pneumonia/Influenza.....	23	17.4	17.8	*	26.1	23.9	*	26.1	28.7	*
Chronic Obstructive Pulmonary Disease.....	11	0.0	11.1	*	0.0	19.1	*	9.1	25.4	*
Transient Cerebral Ischemia.....	9	0.0	2.9	*	0.0	6.4	*	0.0	10.2	*
Stroke.....	27	11.1	24.7	*	25.9	32.3	*	33.3	37.2	*
Hip Fracture.....	10	0.0	8.5	*	0.0	15.4	*	10.0	19.9	*
Sepsis.....	5	20.0	24.8	*	40.0	31.7	*	40.0	37.1	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	2	0.0	2.4	*	0.0	5.3	*	0.0	8.5	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	5	0.0	3.0	*	0.0	6.0	*	0.0	8.4	*
Open Reduction of Hip Fracture.....	7	0.0	8.9	*	0.0	16.9	*	14.3	22.2	*
Prostatectomy.....	17	0.0	0.6	*	0.0	1.5	*	5.9	2.5	*
Cholecystectomy.....	7	14.3	7.4	*	14.3	12.2	*	14.3	14.1	*
Hysterectomy.....	6	0.0	0.4	*	0.0	0.7	*	0.0	1.0	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.



ARKANSAS CITY MEMORIAL HOSPITAL

January 11, 1991

Health Care Financing Administration
Health Standards and Quality Bureau
Attention: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Mrs. Kappert:

We have reviewed the Medicare Hospital Mortality information prepared by the Health Care Financing Administration (HCFA) covering Medicare admissions during the period of 1987, 1988, and 1989 at Arkansas City Memorial Hospital.

We understand that the information provided by HCFA is intended to raise questions, rather than to answer them. It attempts to identify differences in mortality among hospital patient populations, but does not explain reasons for differences. Quality of patient care is based on a multitude of important factors.

Although the methods used by HCFA attempt to consider variables which impact on mortality, use of administrative data alone does not allow for an objective evaluation of patient care. The adequacy of nationwide statistical measures used to develop the predicted mortality rate for our specific hospital also seems questionable.

The HCFA mortality information was thoroughly reviewed by a multi-disciplinary group at Arkansas City Memorial Hospital including members of the Medical Staff and hospital management. All of the records for patients in each category that exceeded the 1989 predicted mortality rate were individually evaluated. The quality of care was found to be appropriate in these cases. We identified several concerns regarding the interpretation of the HCFA data which are summarized below.

The information provided by HCFA indicates that the number of cases in each diagnostic category for the years of 1987, 1988, and 1989 were too small to compute a reliability index (standard deviation) comparing the annual predicted rate with the observed rate. We believe this information should be based on a sample large enough to determine statistically reliable figures. This would represent our institution's experience more appropriately as well as other hospitals with similar characteristics.

Health Care Financing Administration
January 12, 1991
Page 2

We were also unable to determine what patient-specific criteria, if any, were employed by HCFA to calculate the predicted mortality rate for our hospital. Careful consideration must be given to the patient's medical condition and overall health status prior to hospitalization when evaluating outcomes. The wishes of patients and their families are also important criteria to recognize in the total care plan.

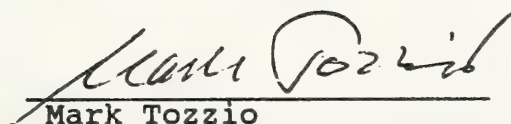
We appreciate the opportunity to review the HCFA data. Our Quality Assurance Program has been in effect since the mid-1970's. The Hospital will continue its policy to review every death which occurs during hospitalization and to make ongoing improvements to our Quality Assurance Program.

Arkansas City Memorial Hospital is committed to providing quality health care to the Community it serves.

Respectfully submitted,



Robert Morton, M.D.
Chief of Medical Staff



Mark Tozzio
Chief Executive Officer

ASBURY-SALINA REGIONAL MEDICAL CENTER

400 S Santa Fe
Salina, KS 67401

Medicare Provider Number: 170012

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	1,549	7.6	6.7	1.1	11.4	10.6	1.2	14.4	13.8	1.1
CONDITIONS:										
Acute Myocardial Infarction.....	33	33.3	23.0	*	33.3	25.9	*	36.4	29.1	*
Congestive Heart Failure.....	50	26.0	15.1	*	38.0	23.7	*	42.0	30.8	*
Pneumonia/Influenza.....	44	22.7	15.4	*	22.7	20.9	*	27.3	25.4	*
Chronic Obstructive Pulmonary Disease.....	6	0.0	5.4	*	0.0	9.4	*	33.3	13.1	*
Transient Cerebral Ischemia.....	17	11.8	1.8	*	11.8	3.8	*	11.8	6.1	*
Stroke.....	42	28.6	24.4	*	42.9	31.5	*	47.6	36.2	*
Hip Fracture.....	72	6.9	5.5	4.2	13.9	10.1	6.6	18.1	13.3	7.3
Sepsis.....	8	12.5	22.2	*	25.0	32.2	*	25.0	39.5	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	18	11.1	4.4	*	22.2	7.6	*	22.2	10.5	*
Carotid Endarterectomy.....	14	0.0	1.7	*	0.0	3.2	*	0.0	4.7	*
Hip Replacement/Reconstruction.....	65	6.2	2.3	3.5	7.7	4.2	4.0	7.7	5.7	4.2
Open Reduction of Hip Fracture.....	11	0.0	5.2	*	9.1	10.0	*	9.1	13.4	*
Prostatectomy.....	103	1.9	0.7	1.1	1.9	1.9	1.4	3.9	3.2	1.8
Cholecystectomy.....	38	5.3	2.4	*	10.5	4.7	*	13.2	6.7	*
Hysterectomy.....	32	0.0	0.7	*	0.0	1.6	*	3.1	2.5	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 191
Occupancy Rate..... 62
Ownership/Control..... Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 88
Percent of Physicians Board Certified Specialists..... 90
Medical Residents/Interns..... 0
Registered Nurses..... 195
Licensed Practical Nurses..... 31

SPECIALTY SERVICES:

Burn Unit..... No
Cardiac Intensive Care..... No
Comprehensive Geriatric..... No
Hospice Care..... Yes
Medical/Surgical Intensive Care..... Yes
Organ/Tissue Transplant..... No
Other Intensive Care..... No
Rehabilitation Unit..... Yes
Trauma Center..... No

** Not used in calculating hospital mortality rates.

ASBURY-SALINA REGIONAL MEDICAL CENTER

Medicare Provider Number: 170012

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	1,623	9.1	7.7	0.9	13.1	11.8	1.0	15.7	15.1	1.0
CONDITIONS:										
Acute Myocardial Infarction.....	45	35.6	30.8	*	40.0	34.6	*	46.7	38.2	*
Congestive Heart Failure.....	56	14.3	15.5	6.9	32.1	24.0	10.4	35.7	30.7	9.8
Pneumonia/Influenza.....	40	12.5	16.8	*	15.0	22.7	*	15.0	27.4	*
Chronic Obstructive Pulmonary Disease.....	9	0.0	5.2	*	11.1	9.0	*	11.1	12.2	*
Transient Cerebral Ischemia.....	22	4.5	2.3	*	4.5	5.2	*	9.1	8.3	*
Stroke.....	35	34.3	27.7	*	37.1	35.5	*	40.0	40.8	*
Hip Fracture.....	74	6.8	5.2	2.9	9.5	9.7	3.5	10.8	12.7	4.9
Sepsis.....	18	16.7	27.3	*	22.2	34.2	*	22.2	39.9	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	21	9.5	4.7	*	9.5	8.1	*	19.0	11.5	*
Carotid Endarterectomy.....	13	0.0	1.5	*	0.0	2.9	*	0.0	4.2	*
Hip Replacement/Reconstruction.....	66	4.5	2.4	3.1	6.1	4.7	3.7	7.6	6.4	3.7
Open Reduction of Hip Fracture.....	30	3.3	4.4	*	10.0	8.5	*	13.3	11.3	*
Prostatectomy.....	121	0.8	1.3	1.2	1.7	2.7	1.7	3.3	4.3	2.0
Cholecystectomy.....	49	2.0	1.9	*	4.1	3.9	*	4.1	5.6	*
Hysterectomy.....	27	0.0	0.6	*	3.7	1.3	*	7.4	2.1	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	1,506	8.4	7.1	1.0	12.5	11.3	1.1	14.9	14.6	1.0
CONDITIONS:										
Acute Myocardial Infarction.....	41	22.0	26.5	*	22.0	29.9	*	24.4	33.3	*
Congestive Heart Failure.....	49	20.4	15.0	*	32.7	22.9	*	36.7	29.7	*
Pneumonia/Influenza.....	30	23.3	15.1	*	23.3	21.4	*	26.7	26.4	*
Chronic Obstructive Pulmonary Disease.....	12	25.0	9.2	*	25.0	15.0	*	25.0	20.1	*
Transient Cerebral Ischemia.....	26	3.8	2.2	*	19.2	4.5	*	23.1	7.2	*
Stroke.....	33	27.3	25.7	*	36.4	34.3	*	39.4	39.8	*
Hip Fracture.....	66	1.5	6.7	4.0	6.1	12.3	5.6	9.1	16.0	5.9
Sepsis.....	13	23.1	26.8	*	23.1	36.1	*	23.1	42.6	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	17	0.0	3.4	*	0.0	6.9	*	0.0	10.2	*
Carotid Endarterectomy.....	12	16.7	2.3	*	16.7	4.5	*	16.7	6.4	*
Hip Replacement/Reconstruction.....	57	0.0	3.2	3.6	1.8	5.9	4.4	3.5	7.7	4.7
Open Reduction of Hip Fracture.....	24	0.0	5.0	*	4.2	9.8	*	8.3	13.1	*
Prostatectomy.....	102	1.0	0.9	1.1	2.0	2.2	2.2	2.0	3.7	3.5
Cholecystectomy.....	44	4.5	2.1	*	6.8	4.1	*	9.1	5.6	*
Hysterectomy.....	18	0.0	1.0	*	0.0	2.2	*	0.0	3.2	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

ASHLAND DISTRICT HOSPITAL

709 Oak St
Ashland, KS 67831

Medicare Provider Number: 170050

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	24	0.0	9.7	*	8.3	15.5	*	8.3	19.8	*
CONDITIONS:										
Acute Myocardial Infarction.....	0									
Congestive Heart Failure.....	2	0.0	16.2	*	0.0	23.0	*	0.0	29.1	*
Pneumonia/Influenza.....	1	0.0	11.1	*	0.0	15.6	*	0.0	19.4	*
Chronic Obstructive Pulmonary Disease.....	1	0.0	7.1	*	0.0	15.5	*	0.0	24.0	*
Transient Cerebral Ischemia.....	0									
Stroke.....	0									
Hip Fracture.....	0									
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1988

Total Beds..... 16
Occupancy Rate..... (Not Available)
Ownership/Control..... District/Authority

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 5
Percent of Physicians Board Certified Specialists..... (Not Available)
Medical Residents/Interns..... 0
Registered Nurses..... 6
Licensed Practical Nurses..... 0

SPECIALTY SERVICES:

Burn Unit..... No
Cardiac Intensive Care..... No
Comprehensive Geriatric..... No
Hospice Care..... No
Medical/Surgical Intensive Care..... No
Organ/Tissue Transplant..... No
Other Intensive Care..... No
Rehabilitation Unit..... No
Trauma Center..... No

** Not used in calculating hospital mortality rates.

ASHLAND DISTRICT HOSPITAL

Medicare Provider Number: 170050

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	0									
CONDITIONS:										
Acute Myocardial Infarction.....	0									
Congestive Heart Failure.....	0									
Pneumonia/Influenza.....	0									
Chronic Obstructive Pulmonary Disease.....	0									
Transient Cerebral Ischemia.....	0									
Stroke.....	0									
Hip Fracture.....	0									
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	6	16.7	6.1	*	16.7	9.7	*	16.7	13.1	*
CONDITIONS:										
Acute Myocardial Infarction.....	0									
Congestive Heart Failure.....	0									
Pneumonia/Influenza.....	0									
Chronic Obstructive Pulmonary Disease.....	0									
Transient Cerebral Ischemia.....	0									
Stroke.....	0									
Hip Fracture.....	0									
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

ATCHISON HOSPITAL1300 N 2nd St
Atchison, KS 66002

Medicare Provider Number: 170022

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	661	9.7	9.4	1.2	13.6	14.1	1.4	16.5	18.0	1.9
CONDITIONS:										
Acute Myocardial Infarction.....	15	46.7	22.0	*	46.7	26.4	*	53.3	30.2	*
Congestive Heart Failure.....	77	9.1	14.4	7.8	15.6	22.0	10.4	22.1	28.6	10.1
Pneumonia/Influenza.....	38	10.5	14.2	*	13.2	19.2	*	15.8	23.6	*
Chronic Obstructive Pulmonary Disease.....	14	7.1	12.8	*	7.1	19.4	*	14.3	25.0	*
Transient Cerebral Ischemia.....	18	0.0	1.9	*	5.6	4.4	*	11.1	7.2	*
Stroke.....	27	29.6	20.5	*	33.3	27.2	*	33.3	31.8	*
Hip Fracture.....	17	0.0	6.3	*	11.8	11.7	*	11.8	15.6	*
Sepsis.....	8	37.5	37.1	*	50.0	44.1	*	50.0	50.3	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	5	0.0	3.0	*	20.0	6.4	*	20.0	9.7	*
Carotid Endarterectomy.....	5	0.0	1.6	*	0.0	3.1	*	0.0	4.6	*
Hip Replacement/Reconstruction.....	10	0.0	4.8	*	10.0	10.1	*	10.0	14.7	*
Open Reduction of Hip Fracture.....	10	0.0	5.5	*	10.0	10.5	*	10.0	14.1	*
Prostatectomy.....	20	0.0	0.7	*	0.0	1.8	*	0.0	3.0	*
Cholecystectomy.....	10	0.0	2.4	*	0.0	4.9	*	0.0	6.7	*
Hysterectomy.....	6	0.0	0.2	*	0.0	0.4	*	0.0	0.6	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 141
Occupancy Rate..... 44
Ownership/Control..... Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 19
Percent of Physicians Board Certified Specialists..... 100
Medical Residents/Interns..... 0
Registered Nurses..... 44
Licensed Practical Nurses..... 30

SPECIALTY SERVICES:

Burn Unit..... No
Cardiac Intensive Care..... No
Comprehensive Geriatric..... No
Hospice Care..... No
Medical/Surgical Intensive Care..... Yes
Organ/Tissue Transplant..... No
Other Intensive Care..... No
Rehabilitation Unit..... No
Trauma Center..... No

** Not used in calculating hospital mortality rates.

ATCHISON HOSPITAL
Medicare Provider Number: 170022

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	631	10.6	8.7	1.6	14.7	13.2	1.6	17.6	17.0	1.5
CONDITIONS:										
Acute Myocardial Infarction.....	19	42.1	28.8	*	42.1	32.1	*	47.4	35.7	*
Congestive Heart Failure.....	69	23.2	15.3	5.7	26.1	23.4	5.5	30.4	30.0	5.5
Pneumonia/Influenza.....	39	5.1	16.7	*	20.5	22.3	*	23.1	26.8	*
Chronic Obstructive Pulmonary Disease.....	10	0.0	6.8	*	20.0	11.4	*	20.0	15.9	*
Transient Cerebral Ischemia.....	4	0.0	2.1	*	0.0	4.9	*	25.0	7.9	*
Stroke.....	24	16.7	21.0	*	25.0	27.8	*	29.2	32.8	*
Hip Fracture.....	21	0.0	5.8	*	4.8	10.5	*	9.5	13.5	*
Sepsis.....	1	0.0	23.9	*	0.0	28.5	*	0.0	34.3	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	7	0.0	2.0	*	0.0	4.5	*	0.0	7.2	*
Carotid Endarterectomy.....	8	0.0	1.7	*	0.0	3.5	*	0.0	5.2	*
Hip Replacement/Reconstruction.....	4	25.0	4.2	*	25.0	7.9	*	25.0	10.7	*
Open Reduction of Hip Fracture.....	16	0.0	4.7	*	6.3	9.0	*	6.3	11.9	*
Prostatectomy.....	12	8.3	1.5	*	8.3	4.0	*	8.3	6.9	*
Cholecystectomy.....	12	8.3	3.3	*	16.7	6.0	*	16.7	8.0	*
Hysterectomy.....	8	12.5	1.7	*	25.0	3.6	*	37.5	5.3	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	506	8.3	9.6	1.5	11.7	14.1	2.0	16.6	17.9	1.9
CONDITIONS:										
Acute Myocardial Infarction.....	12	16.7	25.5	*	16.7	28.8	*	16.7	32.1	*
Congestive Heart Failure.....	51	11.8	19.2	9.3	17.6	28.3	10.8	29.4	35.5	10.0
Pneumonia/Influenza.....	28	7.1	14.8	*	10.7	19.9	*	25.0	24.4	*
Chronic Obstructive Pulmonary Disease.....	1	0.0	3.0	*	0.0	6.0	*	0.0	8.9	*
Transient Cerebral Ischemia.....	6	0.0	1.8	*	0.0	3.9	*	0.0	6.3	*
Stroke.....	21	28.6	21.3	*	33.3	27.9	*	38.1	32.6	*
Hip Fracture.....	20	5.0	5.7	*	5.0	10.8	*	15.0	14.2	*
Sepsis.....	2	0.0	21.1	*	0.0	25.6	*	0.0	30.1	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	3	0.0	2.7	*	0.0	6.1	*	33.3	9.5	*
Carotid Endarterectomy.....	7	14.3	2.0	*	14.3	4.2	*	14.3	6.3	*
Hip Replacement/Reconstruction.....	7	0.0	1.9	*	0.0	3.9	*	0.0	5.5	*
Open Reduction of Hip Fracture.....	14	7.1	5.9	*	7.1	11.6	*	21.4	15.6	*
Prostatectomy.....	20	0.0	0.6	*	0.0	1.4	*	0.0	2.5	*
Cholecystectomy.....	11	0.0	1.6	*	0.0	3.0	*	0.0	4.0	*
Hysterectomy.....	6	0.0	1.5	*	0.0	3.1	*	16.7	4.6	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

AUGUSTA MEDICAL COMPLEX INC

2101 Dearborn
Augusta, KS 67010

Medicare Provider Number: 170171

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	208	10.1	10.9	2.4	16.3	15.8	2.6	20.2	19.8	3.4
CONDITIONS:										
Acute Myocardial Infarction.....	4	50.0	44.3	*	50.0	49.6	*	50.0	54.5	*
Congestive Heart Failure.....	14	7.1	13.8	*	14.3	21.2	*	28.6	27.5	*
Pneumonia/Influenza.....	17	29.4	21.3	*	41.2	28.0	*	41.2	32.6	*
Chronic Obstructive Pulmonary Disease.....	0									
Transient Cerebral Ischemia.....	6	0.0	3.4	*	0.0	8.3	*	0.0	13.7	*
Stroke.....	5	20.0	22.1	*	20.0	29.3	*	20.0	34.2	*
Hip Fracture.....	6	0.0	10.3	*	0.0	17.2	*	16.7	21.0	*
Sepsis.....	2	0.0	20.0	*	0.0	24.8	*	0.0	29.4	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	1	0.0	3.5	*	0.0	6.6	*	100.0	8.8	*
Open Reduction of Hip Fracture.....	5	0.0	10.2	*	0.0	17.7	*	0.0	22.0	*
Prostatectomy.....	7	0.0	1.4	*	14.3	3.6	*	14.3	6.4	*
Cholecystectomy.....	2	0.0	3.1	*	0.0	4.6	*	0.0	5.7	*
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS ****SOURCE:** Health Care Financing Administration (OSCAR) - 1990

Total Beds..... 40
Ownership/Control..... Private, Non-Profit

STAFFING:

Medical Residents/Interns..... 0
Registered Nurses..... 11
Licensed Practical Nurses..... 4

SPECIALTY SERVICES:

Burn Unit..... No
Coronary Care Unit..... No
Hospice..... No
Intensive Care Unit..... No
Organ Transplant..... No
Rehabilitation..... No
Shock Trauma..... No

** Not used in calculating hospital mortality rates.

AUGUSTA MEDICAL COMPLEX INC

Medicare Provider Number: 170171

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	224	11.2	12.2	2.3	20.5	18.2	3.0	24.6	22.7	3.7
CONDITIONS:										
Acute Myocardial Infarction.....	5	40.0	34.5	*	60.0	37.1	*	60.0	40.6	*
Congestive Heart Failure.....	13	15.4	11.6	*	30.8	17.6	*	38.5	23.1	*
Pneumonia/Influenza.....	12	33.3	26.2	*	33.3	35.4	*	33.3	41.3	*
Chronic Obstructive Pulmonary Disease.....	3	0.0	8.8	*	0.0	14.6	*	0.0	19.5	*
Transient Cerebral Ischemia.....	6	0.0	1.7	*	0.0	3.8	*	0.0	6.1	*
Stroke.....	10	20.0	28.4	*	30.0	36.1	*	30.0	41.5	*
Hip Fracture.....	10	10.0	7.3	*	10.0	13.2	*	20.0	17.0	*
Sepsis.....	5	40.0	39.1	*	60.0	46.0	*	60.0	52.8	*
PROCEDURE:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	3	0.0	9.5	*	0.0	17.1	*	33.3	21.7	*
Open Reduction of Hip Fracture.....	5	20.0	7.0	*	20.0	13.5	*	20.0	17.7	*
Prostatectomy.....	10	0.0	1.5	*	20.0	3.6	*	20.0	5.9	*
Cholecystectomy.....	2	0.0	3.3	*	0.0	8.0	*	0.0	12.5	*
Hysterectomy.....	1	0.0	0.2	*	0.0	0.4	*	0.0	0.6	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	255	8.6	9.5	2.0	13.7	14.1	2.2	17.6	18.0	2.4
CONDITIONS:										
Acute Myocardial Infarction.....	5	20.0	35.9	*	40.0	41.0	*	40.0	46.1	*
Congestive Heart Failure.....	13	15.4	11.5	*	15.4	17.8	*	15.4	23.6	*
Pneumonia/Influenza.....	17	5.9	15.0	*	5.9	20.6	*	11.8	25.3	*
Chronic Obstructive Pulmonary Disease.....	10	20.0	11.1	*	40.0	18.0	*	40.0	23.3	*
Transient Cerebral Ischemia.....	10	0.0	2.1	*	0.0	4.6	*	10.0	7.4	*
Stroke.....	11	36.4	23.8	*	45.5	30.5	*	63.6	35.6	*
Hip Fracture.....	5	0.0	4.7	*	20.0	8.6	*	20.0	11.3	*
Sepsis.....	4	0.0	12.3	*	0.0	15.6	*	0.0	19.1	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	3	0.0	4.5	*	0.0	9.0	*	33.3	13.1	*
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	11	0.0	1.1	*	0.0	2.5	*	0.0	4.1	*
Cholecystectomy.....	2	0.0	2.4	*	0.0	4.4	*	0.0	5.6	*
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

BAXTER MEMORIAL HOSPITAL

10th & Washington Ave
Baxter Springs, KS 66713

Medicare Provider Number: 170021

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	200	7.5	8.3	2.3	11.5	12.8	3.5	13.5	16.5	3.4
CONDITIONS:										
Acute Myocardial Infarction.....	7	0.0	28.3	*	0.0	33.0	*	0.0	37.5	*
Congestive Heart Failure.....	4	25.0	15.9	*	25.0	25.5	*	25.0	33.5	*
Pneumonia/Influenza.....	16	18.8	16.8	*	31.3	23.8	*	31.3	29.3	*
Chronic Obstructive Pulmonary Disease.....	2	0.0	7.4	*	0.0	14.0	*	0.0	19.8	*
Transient Cerebral Ischemia.....	2	0.0	2.3	*	50.0	5.1	*	50.0	8.3	*
Stroke.....	11	18.2	17.6	*	18.2	26.4	*	18.2	31.6	*
Hip Fracture.....	5	20.0	4.8	*	20.0	8.9	*	40.0	11.6	*
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	2	50.0	6.7	*	50.0	12.2	*	50.0	15.6	*
Open Reduction of Hip Fracture.....	1	0.0	4.5	*	0.0	9.1	*	100.0	12.4	*
Prostatectomy.....	6	0.0	0.8	*	0.0	1.8	*	0.0	3.1	*
Cholecystectomy.....	1	0.0	0.7	*	0.0	1.2	*	0.0	1.7	*
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 49
Occupancy Rate..... 47
Ownership/Control..... Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 6
Percent of Physicians Board Certified Specialists..... 83
Medical Residents/Interns..... 0
Registered Nurses..... 9
Licensed Practical Nurses..... 10

SPECIALTY SERVICES:

Burn Unit..... No
Cardiac Intensive Care..... No
Comprehensive Geriatric..... No
Hospice Care..... No
Medical/Surgical Intensive Care..... Yes
Organ/Tissue Transplant..... No
Other Intensive Care..... No
Rehabilitation Unit..... No
Trauma Center..... No

** Not used in calculating hospital mortality rates.

BAXTER MEMORIAL HOSPITAL

Medicare Provider Number: 170021

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	200	9.5	10.8	2.4	16.0	15.8	2.6	18.5	19.9	3.1
CONDITIONS:										
Acute Myocardial Infarction.....	12	33.3	27.1	*	33.3	31.2	*	33.3	34.9	*
Congestive Heart Failure.....	6	33.3	14.5	*	66.7	23.2	*	66.7	30.5	*
Pneumonia/Influenza.....	13	23.1	21.6	*	46.2	29.6	*	46.2	35.1	*
Chronic Obstructive Pulmonary Disease.....	4	0.0	8.5	*	0.0	18.8	*	0.0	27.3	*
Transient Cerebral Ischemia.....	0									
Stroke.....	13	7.7	13.5	*	23.1	20.9	*	30.8	25.7	*
Hip Fracture.....	6	0.0	5.0	*	0.0	9.9	*	0.0	13.3	*
Sepsis.....	2	0.0	27.0	*	0.0	30.6	*	0.0	34.9	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	2	0.0	3.7	*	0.0	7.7	*	0.0	10.7	*
Open Reduction of Hip Fracture.....	1	0.0	5.2	*	0.0	11.0	*	0.0	15.3	*
Prostatectomy.....	3	0.0	0.8	*	0.0	1.8	*	0.0	2.8	*
Cholecystectomy.....	2	0.0	0.9	*	0.0	1.5	*	0.0	2.1	*
Hysterectomy.....	1	0.0	4.3	*	0.0	8.6	*	0.0	12.7	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	195	7.7	10.0	2.5	12.8	15.1	3.2	14.9	19.3	4.2
CONDITIONS:										
Acute Myocardial Infarction.....	8	62.5	28.1	*	62.5	32.3	*	62.5	36.2	*
Congestive Heart Failure.....	12	0.0	15.0	*	0.0	23.7	*	0.0	30.8	*
Pneumonia/Influenza.....	11	9.1	16.2	*	18.2	22.5	*	18.2	27.5	*
Chronic Obstructive Pulmonary Disease.....	3	0.0	5.1	*	0.0	10.1	*	0.0	14.9	*
Transient Cerebral Ischemia.....	2	0.0	1.4	*	0.0	2.8	*	0.0	4.3	*
Stroke.....	9	22.2	19.7	*	44.4	29.1	*	44.4	34.4	*
Hip Fracture.....	1	0.0	4.3	*	0.0	8.9	*	0.0	12.3	*
Sepsis.....	5	20.0	25.0	*	20.0	36.7	*	20.0	44.2	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	1	0.0	2.1	*	0.0	5.8	*	100.0	10.3	*
Cholecystectomy.....	1	0.0	0.9	*	0.0	1.6	*	0.0	2.1	*
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

BETHANY MEDICAL CENTER

51 N 12th St
Kansas City, KS 66102

Medicare Provider Number: 170148

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,084	9.8	9.3	0.9	14.9	14.4	0.9	18.7	18.6	0.9
CONDITIONS:										
Acute Myocardial Infarction.....	47	34.0	27.0	*	40.4	30.0	*	44.7	33.1	*
Congestive Heart Failure.....	112	12.5	15.5	5.1	22.3	23.9	5.1	30.4	30.8	4.9
Pneumonia/Influenza.....	79	13.9	16.4	4.7	25.3	22.1	5.4	27.8	26.7	5.2
Chronic Obstructive Pulmonary Disease.....	66	6.1	7.2	4.1	10.6	13.1	6.4	15.2	18.5	6.6
Transient Cerebral Ischemia.....	33	0.0	1.8	*	0.0	3.8	*	6.1	6.1	*
Stroke.....	74	27.0	23.3	6.0	29.7	29.4	5.3	32.4	33.8	5.8
Hip Fracture.....	47	6.4	7.4	*	14.9	13.2	*	21.3	17.1	*
Sepsis.....	20	25.0	26.4	*	40.0	35.5	*	45.0	42.4	*
PROCEDURES:										
Angioplasty.....	41	4.9	6.1	*	7.3	7.3	*	9.8	8.6	*
Coronary Artery Bypass Graft.....	14	14.3	5.0	*	35.7	7.0	*	35.7	8.5	*
Initial Pacemaker Insertion.....	19	5.3	4.5	*	5.3	8.4	*	10.5	12.1	*
Carotid Endarterectomy.....	10	0.0	1.8	*	0.0	3.3	*	0.0	5.0	*
Hip Replacement/Reconstruction.....	26	7.7	4.6	*	11.5	8.3	*	15.4	10.8	*
Open Reduction of Hip Fracture.....	24	4.2	7.6	*	12.5	14.1	*	20.8	18.6	*
Prostatectomy.....	60	1.7	1.3	1.8	1.7	3.1	3.0	3.3	5.3	4.6
Cholecystectomy.....	37	5.4	3.3	*	10.8	6.1	*	10.8	8.2	*
Hysterectomy.....	8	0.0	0.4	*	0.0	0.9	*	0.0	1.4	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 342
Occupancy Rate..... 75
Ownership/Control..... Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 139
Percent of Physicians Board Certified Specialists..... 78
Medical Residents/Interns..... 13
Registered Nurses..... 317
Licensed Practical Nurses..... 41

SPECIALTY SERVICES:

Burn Unit..... No
Cardiac Intensive Care..... No
Comprehensive Geriatric..... No
Hospice Care..... Yes
Medical/Surgical Intensive Care..... Yes
Organ/Tissue Transplant..... No
Other Intensive Care..... No
Rehabilitation Unit..... Yes
Trauma Center..... No

** Not used in calculating hospital mortality rates.

BETHANY MEDICAL CENTER

Medicare Provider Number: 170148

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,035	9.9	9.9	1.1	14.6	15.3	0.9	19.9	19.6	0.9
CONDITIONS:										
Acute Myocardial Infarction.....	53	35.8	30.1	7.6	41.5	33.5	7.2	49.1	37.0	8.1
Congestive Heart Failure.....	114	7.9	15.0	5.2	16.7	22.8	5.4	24.6	29.4	4.9
Pneumonia/Influenza.....	82	17.1	17.9	4.4	25.6	24.4	4.9	32.9	29.4	6.3
Chronic Obstructive Pulmonary Disease.....	42	9.5	5.5	*	16.7	10.3	*	21.4	14.5	*
Transient Cerebral Ischemia.....	35	2.9	2.1	*	2.9	4.6	*	5.7	7.2	*
Stroke.....	74	21.6	23.5	5.4	29.7	30.4	5.8	33.8	35.3	5.8
Hip Fracture.....	50	4.0	7.2	*	6.0	12.7	*	14.0	16.2	*
Sepsis.....	31	41.9	27.5	*	48.4	37.0	*	54.8	43.9	*
PROCEDURES:										
Angioplasty.....	27	14.8	4.3	*	14.8	5.1	*	14.8	6.2	*
Coronary Artery Bypass Graft.....	20	15.0	7.0	*	15.0	9.7	*	25.0	11.2	*
Initial Pacemaker Insertion.....	17	11.8	6.6	*	11.8	10.4	*	11.8	13.4	*
Carotid Endarterectomy.....	14	0.0	1.3	*	0.0	2.4	*	0.0	3.5	*
Hip Replacement/Reconstruction.....	18	0.0	5.2	*	0.0	9.7	*	0.0	12.7	*
Open Reduction of Hip Fracture.....	29	3.4	6.2	*	6.9	11.3	*	20.7	14.6	*
Prostatectomy.....	51	2.0	2.5	2.4	3.9	5.8	4.7	5.9	8.9	7.0
Cholecystectomy.....	36	8.3	3.2	*	8.3	5.7	*	8.3	7.3	*
Hysterectomy.....	2	0.0	0.8	*	0.0	1.6	*	0.0	2.3	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,945	10.3	10.2	0.8	16.1	15.4	1.1	19.3	19.5	1.0
CONDITIONS:										
Acute Myocardial Infarction.....	54	42.6	31.9	7.9	42.6	35.2	7.5	44.4	38.5	7.1
Congestive Heart Failure.....	90	11.1	17.0	5.8	21.1	25.5	6.5	30.0	32.4	5.1
Pneumonia/Influenza.....	76	15.8	18.0	5.1	25.0	24.2	5.2	32.9	29.1	5.7
Chronic Obstructive Pulmonary Disease.....	50	2.0	7.0	*	2.0	13.2	*	16.0	18.5	*
Transient Cerebral Ischemia.....	33	0.0	2.2	*	0.0	4.6	*	0.0	7.1	*
Stroke.....	70	21.4	24.9	5.6	32.9	31.6	7.6	35.7	36.2	5.8
Hip Fracture.....	40	2.5	6.7	*	10.0	12.3	*	12.5	16.2	*
Sepsis.....	34	35.3	26.0	*	38.2	35.1	*	41.2	41.9	*
PROCEDURES:										
Angioplasty.....	18	11.1	9.7	*	11.1	11.0	*	11.1	12.5	*
Coronary Artery Bypass Graft.....	18	11.1	8.5	*	11.1	11.8	*	11.1	13.4	*
Initial Pacemaker Insertion.....	15	0.0	3.1	*	6.7	6.5	*	13.3	9.8	*
Carotid Endarterectomy.....	11	0.0	1.8	*	0.0	3.6	*	0.0	5.3	*
Hip Replacement/Reconstruction.....	21	0.0	4.0	*	14.3	7.6	*	14.3	10.2	*
Open Reduction of Hip Fracture.....	24	4.2	5.7	*	4.2	11.1	*	8.3	14.8	*
Prostatectomy.....	48	0.0	1.3	*	0.0	3.3	*	0.0	5.7	*
Cholecystectomy.....	38	2.6	2.8	*	5.3	4.5	*	5.3	5.5	*
Hysterectomy.....	12	8.3	0.8	*	8.3	1.8	*	8.3	2.8	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

BOB WILSON-GRANT COUNTY MEM HOSPITAL

415 N Main St
Ulysses, KS 67880

Medicare Provider Number: 170110

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	153	9.2	9.9	3.7	13.7	14.8	5.4	15.7	18.8	6.3
CONDITIONS:										
Acute Myocardial Infarction.....	5	40.0	41.8	*	40.0	45.4	*	40.0	49.5	*
Congestive Heart Failure.....	15	13.3	14.3	*	13.3	22.0	*	20.0	28.8	*
Pneumonia/Influenza.....	20	5.0	15.5	*	5.0	20.8	*	10.0	25.4	*
Chronic Obstructive Pulmonary Disease.....	4	25.0	14.1	*	50.0	20.6	*	50.0	25.9	*
Transient Cerebral Ischemia.....	3	0.0	1.1	*	0.0	2.3	*	0.0	3.6	*
Stroke.....	4	25.0	17.6	*	25.0	23.5	*	25.0	27.8	*
Hip Fracture.....	0									
Sepsis.....	1	0.0	16.2	*	0.0	21.0	*	0.0	25.9	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1988

Total Beds..... 45
Occupancy Rate..... 27
Ownership/Control..... Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 5
Percent of Physicians Board Certified Specialists..... 60
Medical Residents/Interns..... 0
Registered Nurses..... 19
Licensed Practical Nurses..... 3

SPECIALTY SERVICES:

Burn Unit..... No
Cardiac Intensive Care..... No
Comprehensive Geriatric..... No
Hospice Care..... No
Medical/Surgical Intensive Care..... No
Organ/Tissue Transplant..... No
Other Intensive Care..... No
Rehabilitation Unit..... No
Trauma Center..... No

** Not used in calculating hospital mortality rates.

BOB WILSON-GRANT COUNTY MEM HOSPITAL

Medicare Provider Number: 170110

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	162	10.5	9.6	3.4	14.2	14.2	2.8	17.3	18.1	3.2
CONDITIONS:										
Acute Myocardial Infarction.....	8	12.5	34.0	*	12.5	37.2	*	12.5	41.7	*
Congestive Heart Failure.....	8	50.0	17.7	*	62.5	27.5	*	87.5	35.2	*
Pneumonia/Influenza.....	20	10.0	16.4	*	15.0	22.9	*	20.0	27.9	*
Chronic Obstructive Pulmonary Disease.....	6	0.0	5.8	*	0.0	10.1	*	16.7	14.2	*
Transient Cerebral Ischemia.....	2	0.0	2.3	*	0.0	5.0	*	0.0	7.9	*
Stroke.....	3	66.7	28.4	*	100.0	36.1	*	100.0	41.5	*
Hip Fracture.....	1	0.0	3.2	*	0.0	5.8	*	0.0	7.8	*
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	1	0.0	2.4	*	0.0	3.6	*	0.0	4.4	*
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	189	5.3	8.0	2.8	7.4	11.8	3.5	10.1	15.1	4.0
CONDITIONS:										
Acute Myocardial Infarction.....	6	0.0	30.3	*	0.0	34.2	*	0.0	38.7	*
Congestive Heart Failure.....	10	0.0	13.1	*	10.0	19.9	*	10.0	26.2	*
Pneumonia/Influenza.....	21	9.5	17.5	*	14.3	24.1	*	28.6	29.7	*
Chronic Obstructive Pulmonary Disease.....	2	0.0	5.0	*	0.0	8.9	*	0.0	13.2	*
Transient Cerebral Ischemia.....	5	0.0	2.7	*	0.0	6.1	*	0.0	9.9	*
Stroke.....	4	25.0	18.3	*	25.0	23.7	*	25.0	28.2	*
Hip Fracture.....	1	0.0	4.4	*	0.0	9.6	*	0.0	14.3	*
Sepsis.....	1	100.0	48.6	*	100.0	65.5	*	100.0	72.9	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	2	0.0	1.8	*	0.0	3.3	*	0.0	4.4	*
Hysterectomy.....	2	0.0	0.4	*	0.0	0.9	*	0.0	1.5	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

CANEY MUNICIPAL HOSPITAL

South High Street
Caney, KS 67333

Medicare Provider Number: 170046

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	21	14.3	11.8	*	14.3	18.0	*	23.8	22.7	*
CONDITIONS:										
Acute Myocardial Infarction.....	0									
Congestive Heart Failure.....	5	0.0	14.1	*	0.0	22.9	*	40.0	30.1	*
Pneumonia/Influenza.....	3	0.0	12.6	*	0.0	16.3	*	0.0	19.9	*
Chronic Obstructive Pulmonary Disease.....	0									
Transient Cerebral Ischemia.....	0									
Stroke.....	0									
Hip Fracture.....	0									
Sepsis.....	1	0.0	29.5	*	0.0	34.4	*	0.0	39.8	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: Health Care Financing Administration (OSCAR) - 1988

Total Beds..... 24
Ownership/Control..... Private, Non-Profit

STAFFING:

Medical Residents/Interns..... 0
Registered Nurses..... 5
Licensed Practical Nurses..... 1

SPECIALTY SERVICES:

Burn Unit..... No
Coronary Care Unit..... No
Hospice..... No
Intensive Care Unit..... No
Organ Transplant..... No
Rehabilitation..... No
Shock Trauma..... No

** Not used in calculating hospital mortality rates.

CANEY MUNICIPAL HOSPITAL

Medicare Provider Number: 170046

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	92	12.0	11.0	3.4	16.3	15.6	4.1	18.5	19.2	5.2
CONDITIONS:										
Acute Myocardial Infarction.....	3	66.7	27.1	*	66.7	32.9	*	66.7	38.1	*
Congestive Heart Failure.....	8	12.5	18.3	*	25.0	28.9	*	37.5	36.8	*
Pneumonia/Influenza.....	15	6.7	21.7	*	6.7	28.5	*	13.3	32.9	*
Chronic Obstructive Pulmonary Disease.....	0									
Transient Cerebral Ischemia.....	0									
Stroke.....	4	75.0	20.4	*	75.0	28.7	*	75.0	33.8	*
Hip Fracture.....	0									
Sepsis.....	1	0.0	50.6	*	0.0	56.8	*	0.0	62.8	*
PROCEDURE:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	104	12.5	11.7	3.2	14.4	16.0	3.8	16.3	19.7	5.0
CONDITIONS:										
Acute Myocardial Infarction.....	7	57.1	35.3	*	57.1	39.6	*	71.4	44.3	*
Congestive Heart Failure.....	7	28.6	14.3	*	28.6	21.8	*	28.6	28.2	*
Pneumonia/Influenza.....	11	27.3	21.5	*	27.3	30.1	*	36.4	36.6	*
Chronic Obstructive Pulmonary Disease.....	2	0.0	18.9	*	0.0	26.2	*	0.0	32.7	*
Transient Cerebral Ischemia.....	2	0.0	1.3	*	0.0	3.0	*	0.0	4.8	*
Stroke.....	4	25.0	20.4	*	25.0	28.2	*	25.0	33.3	*
Hip Fracture.....	1	0.0	4.4	*	0.0	9.7	*	0.0	14.5	*
Sepsis.....	4	0.0	28.2	*	25.0	35.0	*	25.0	40.6	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	1	0.0	0.7	*	0.0	1.3	*	0.0	1.9	*
Hysterectomy.....	1	0.0	0.8	*	0.0	1.3	*	0.0	1.8	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

CEDAR VALE REGIONAL HOSPITAL

501 Cedar St Box 398

Cedar Vale, KS 67024

Medicare Provider Number: 170172

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	55	12.7	10.4	4.6	16.4	14.5	5.0	20.0	18.0	5.8
CONDITIONS:										
Acute Myocardial Infarction.....	2	0.0	45.5	*	0.0	52.8	*	0.0	58.8	*
Congestive Heart Failure.....	2	0.0	9.4	*	0.0	14.4	*	0.0	19.2	*
Pneumonia/Influenza.....	7	0.0	15.8	*	0.0	21.3	*	14.3	25.9	*
Chronic Obstructive Pulmonary Disease.....	0									
Transient Cerebral Ischemia.....	0									
Stroke.....	4	25.0	22.8	*	25.0	30.5	*	25.0	36.2	*
Hip Fracture.....	0									
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: Health Care Financing Administration (OSCAR) - 1990

Total Beds..... 35
Ownership/Control..... Private, For Profit

STAFFING:

Medical Residents/Interns..... 0
Registered Nurses..... 5
Licensed Practical Nurses..... 0

SPECIALTY SERVICES:

Burn Unit..... No
Coronary Care Unit..... No
Hospice..... No
Intensive Care Unit..... No
Organ Transplant..... No
Rehabilitation..... Yes
Shock Trauma..... No

** Not used in calculating hospital mortality rates.

CEDAR VALE REGIONAL HOSPITAL

Medicare Provider Number: 170172

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	97	13.4	13.3	3.5	18.6	18.5	4.0	23.7	22.5	4.4
CONDITIONS:										
Acute Myocardial Infarction.....	3	0.0	31.8	*	0.0	34.7	*	0.0	38.7	*
Congestive Heart Failure.....	7	28.6	27.1	*	42.9	41.5	*	57.1	50.9	*
Pneumonia/Influenza.....	14	14.3	17.2	*	14.3	22.9	*	14.3	27.5	*
Chronic Obstructive Pulmonary Disease.....	1	0.0	9.7	*	0.0	14.8	*	0.0	19.6	*
Transient Cerebral Ischemia.....	4	0.0	2.0	*	25.0	4.7	*	25.0	7.5	*
Stroke.....	8	37.5	19.7	*	50.0	25.6	*	50.0	30.4	*
Hip Fracture.....	2	0.0	5.5	*	0.0	10.9	*	0.0	14.7	*
Sepsis.....	1	100.0	64.6	*	100.0	71.8	*	100.0	77.4	*
PROCEDURE:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	1	0.0	0.3	*	0.0	0.6	*	0.0	1.2	*
Cholecystectomy.....	0									
Hysterectomy.....	2	0.0	0.0	*	0.0	0.1	*	0.0	0.2	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	186	9.7	9.8	3.1	17.7	14.5	3.5	21.5	18.3	3.6
CONDITIONS:										
Acute Myocardial Infarction.....	9	33.3	30.4	*	44.4	33.5	*	55.6	37.4	*
Congestive Heart Failure.....	16	6.3	12.3	*	6.3	19.0	*	18.8	24.8	*
Pneumonia/Influenza.....	14	14.3	16.8	*	50.0	22.7	*	50.0	27.5	*
Chronic Obstructive Pulmonary Disease.....	1	0.0	20.4	*	0.0	31.0	*	0.0	37.6	*
Transient Cerebral Ischemia.....	8	0.0	1.7	*	0.0	3.9	*	0.0	6.3	*
Stroke.....	7	14.3	22.3	*	28.6	29.4	*	28.6	34.8	*
Hip Fracture.....	4	25.0	6.8	*	50.0	15.1	*	75.0	22.1	*
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	3	33.3	0.9	*	33.3	2.1	*	33.3	3.5	*
Cholecystectomy.....	0									
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

CENTRAL KANSAS MEDICAL CENTER

3515 Broadway
Great Bend, KS 67530

Medicare Provider Number: 170033

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	1,394	8.4	8.0	0.8	13.0	12.5	1.0	15.7	16.1	1.1
CONDITIONS:										
Acute Myocardial Infarction.....	29	31.0	26.0	*	37.9	29.1	*	37.9	32.2	*
Congestive Heart Failure.....	57	14.0	13.9	5.5	22.8	21.6	5.6	26.3	28.3	6.5
Pneumonia/Influenza.....	91	15.4	16.0	4.3	20.9	22.0	4.5	24.2	26.7	5.0
Chronic Obstructive Pulmonary Disease.....	14	7.1	10.5	*	7.1	17.8	*	14.3	24.3	*
Transient Cerebral Ischemia.....	26	7.7	2.2	*	7.7	5.1	*	11.5	8.3	*
Stroke.....	37	18.9	19.7	*	27.0	26.1	*	32.4	30.6	*
Hip Fracture.....	51	9.8	6.0	4.8	11.8	10.9	4.4	13.7	14.2	4.9
Sepsis.....	11	18.2	21.6	*	27.3	29.7	*	36.4	35.8	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	9	11.1	5.7	*	11.1	9.1	*	11.1	12.1	*
Carotid Endarterectomy.....	6	0.0	1.9	*	16.7	3.5	*	16.7	5.1	*
Hip Replacement/Reconstruction.....	53	1.9	2.6	2.9	5.7	5.1	3.5	9.4	7.1	5.1
Open Reduction of Hip Fracture.....	26	3.8	5.3	*	3.8	10.0	*	3.8	13.3	*
Prostatectomy.....	59	3.4	0.7	2.5	5.1	1.7	3.3	5.1	2.9	3.3
Cholecystectomy.....	30	3.3	3.7	*	3.3	6.9	*	3.3	9.0	*
Hysterectomy.....	11	0.0	1.0	*	0.0	2.6	*	9.1	4.4	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 302
Occupancy Rate..... 34
Ownership/Control..... Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 39
Percent of Physicians Board Certified Specialists..... 95
Medical Residents/Interns..... 0
Registered Nurses..... 101
Licensed Practical Nurses..... 18

SPECIALTY SERVICES:

Burn Unit..... No
Cardiac Intensive Care..... No
Comprehensive Geriatric..... No
Hospice Care..... No
Medical/Surgical Intensive Care..... Yes
Organ/Tissue Transplant..... No
Other Intensive Care..... No
Rehabilitation Unit..... No
Trauma Center..... No

** Not used in calculating hospital mortality rates.

CENTRAL KANSAS MEDICAL CENTER

Medicare Provider Number: 170033

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,364	7.8	7.4	0.8	11.4	11.5	0.9	14.8	14.9	1.1
CONDITIONS:										
Acute Myocardial Infarction.....	39	25.6	25.3	*	25.6	28.6	*	30.8	32.0	*
Congestive Heart Failure.....	66	18.2	15.2	5.3	27.3	23.2	5.6	34.8	29.9	6.5
Pneumonia/Influenza.....	71	7.0	14.6	7.5	12.7	19.7	8.0	18.3	23.9	6.9
Chronic Obstructive Pulmonary Disease.....	10	0.0	9.2	*	10.0	14.3	*	10.0	18.6	*
Transient Cerebral Ischemia.....	22	0.0	1.8	*	0.0	4.0	*	0.0	6.3	*
Stroke.....	40	17.5	18.8	*	27.5	26.4	*	32.5	31.0	*
Hip Fracture.....	46	4.3	5.5	*	8.7	10.2	*	15.2	13.3	*
Sepsis.....	8	25.0	25.8	*	25.0	33.0	*	25.0	39.3	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	4	0.0	5.0	*	0.0	9.5	*	0.0	13.0	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	37	0.0	1.6	*	0.0	3.1	*	0.0	4.3	*
Open Reduction of Hip Fracture.....	36	5.6	5.0	*	11.1	9.7	*	19.4	13.0	*
Prostatectomy.....	51	0.0	0.8	*	0.0	2.0	*	0.0	3.6	*
Cholecystectomy.....	25	0.0	1.4	*	0.0	2.6	*	0.0	3.5	*
Hysterectomy.....	5	0.0	2.6	*	0.0	4.8	*	0.0	6.4	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,200	8.7	8.3	1.0	12.7	12.6	1.0	15.4	16.1	1.1
CONDITIONS:										
Acute Myocardial Infarction.....	32	34.4	27.5	*	40.6	30.7	*	40.6	33.9	*
Congestive Heart Failure.....	54	13.0	14.8	5.1	16.7	22.7	7.3	24.1	29.3	8.4
Pneumonia/Influenza.....	46	6.5	13.3	*	15.2	18.6	*	19.6	22.7	*
Chronic Obstructive Pulmonary Disease.....	5	0.0	9.8	*	0.0	14.4	*	20.0	18.7	*
Transient Cerebral Ischemia.....	21	0.0	2.1	*	0.0	4.6	*	4.8	7.4	*
Stroke.....	47	34.0	22.8	*	42.6	30.4	*	48.9	35.3	*
Hip Fracture.....	45	6.7	6.1	*	13.3	11.3	*	13.3	14.8	*
Sepsis.....	9	22.2	18.1	*	22.2	24.9	*	22.2	30.4	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	2	0.0	1.3	*	0.0	2.9	*	0.0	4.9	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	32	3.1	2.7	*	3.1	5.4	*	3.1	7.5	*
Open Reduction of Hip Fracture.....	23	8.7	6.0	*	13.0	11.3	*	13.0	14.8	*
Prostatectomy.....	83	2.4	1.3	1.6	3.6	3.3	3.4	8.4	5.5	4.6
Cholecystectomy.....	24	4.2	3.7	*	8.3	7.4	*	8.3	10.0	*
Hysterectomy.....	9	0.0	0.4	*	0.0	0.7	*	0.0	1.0	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

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St. Joseph Campus - Larned, KS • Great Bend Campus - Great Bend, KS
3515 Broadway • Great Bend, Kansas 67530 • (316) 792-2511

January 10, 1991

Health Care Financing Administration
Health Standards and Quality Bureau
Attention: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Mrs. Kappert:

In response to the FY 1989 Medicare Hospital Mortality Rates, we reviewed the deaths in the following categories: Congestive Heart Failure; Pneumonia/Influenza; Hip Fracture; and Prostatectomy. One factor found in several cases was that the patient and/or family requested that no heroic measures be used to prolong life.

A common thread found in many of our patients was that they were significantly older than the average life expectancy. The Congestive Heart Failure cases revealed the presence of chronic diseases such as multiple heart problems, chronic obstructive pulmonary disease, cancer, etc. The average age for these patients was 80 years. The Pneumonia/Influenza cases also revealed multiple chronic diseases, with the average age of 83 years. The Hip Fracture cases revealed causes of death to be cancer, congestive heart failure, pneumonia, and myocardial infarction not related to the hip fracture or surgery. The average age of these cases was 86 years.

The Prostatectomy cases revealed cause of death to be myocardial infarction and complications of chronic obstructive pulmonary disease. In one case, a patient who had a prostatectomy in May came back into the hospital for a cholecystectomy the following November and died of medical problems unrelated to the surgery. The average age for the cases was 84 years.

Many of these cases died elsewhere following their acute care stay, ranging from 5 to 358 days later. For the FY 1989, Central Kansas Medical Center had a total of Acute Care and Skilled Care deaths of 146. All deaths are routinely reviewed as part of our hospital-wide Quality Assurance Program.

Cordially,

Stephen A. Menke
President

yld

CHEYENNE COUNTY HOSPITAL

210 West First
Saint Francis, KS 67756

Medicare Provider Number: 170064

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	84	10.7	12.7	6.9	14.3	17.9	7.8	16.7	21.8	8.2
CONDITIONS:										
Acute Myocardial Infarction.....	6	0.0	29.0	*	0.0	32.4	*	0.0	35.8	*
Congestive Heart Failure.....	4	0.0	12.1	*	0.0	18.3	*	0.0	24.2	*
Pneumonia/Influenza.....	4	25.0	13.4	*	25.0	18.5	*	25.0	22.7	*
Chronic Obstructive Pulmonary Disease.....	1	0.0	13.2	*	0.0	19.5	*	0.0	25.0	*
Transient Cerebral Ischemia.....	1	0.0	1.8	*	0.0	3.6	*	0.0	5.6	*
Stroke.....	5	40.0	21.5	*	40.0	27.2	*	40.0	31.6	*
Hip Fracture.....	6	0.0	7.3	*	16.7	12.6	*	16.7	16.4	*
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	7	0.0	3.6	*	0.0	6.2	*	0.0	8.0	*
Open Reduction of Hip Fracture.....	1	0.0	8.6	*	0.0	15.5	*	0.0	20.5	*
Prostatectomy.....	0									
Cholecystectomy.....	2	0.0	0.8	*	0.0	1.2	*	0.0	1.6	*
Hysterectomy.....	2	0.0	0.8	*	0.0	1.8	*	0.0	2.6	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1988

Total Beds..... 23
Occupancy Rate..... 26
Ownership/Control..... Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... (Not Available)
Percent of Physicians Board Certified Specialists..... (Not Available)
Medical Residents/Interns..... 0
Registered Nurses..... 5
Licensed Practical Nurses..... 0

SPECIALTY SERVICES:

Burn Unit..... No
Cardiac Intensive Care..... No
Comprehensive Geriatric..... No
Hospice Care..... No
Medical/Surgical Intensive Care..... No
Organ/Tissue Transplant..... No
Other Intensive Care..... No
Rehabilitation Unit..... No
Trauma Center..... No

** Not used in calculating hospital mortality rates.

CHEYENNE COUNTY HOSPITAL

Medicare Provider Number: 170064

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	76	13.2	11.3	7.1	18.4	16.5	8.7	25.0	20.5	7.5
CONDITIONS:										
Acute Myocardial Infarction.....	4	25.0	34.3	*	25.0	37.7	*	25.0	41.8	*
Congestive Heart Failure.....	8	12.5	17.7	*	37.5	27.6	*	50.0	35.3	*
Pneumonia/Influenza.....	4	0.0	17.9	*	25.0	23.6	*	25.0	28.3	*
Chronic Obstructive Pulmonary Disease.....	0									
Transient Cerebral Ischemia.....	1	0.0	1.9	*	0.0	3.7	*	0.0	5.6	*
Stroke.....	3	66.7	37.4	*	66.7	43.2	*	66.7	47.9	*
Hip Fracture.....	2	0.0	9.1	*	0.0	15.9	*	0.0	20.2	*
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	66	15.2	13.6	4.5	18.2	18.9	4.8	21.2	23.1	5.5
CONDITIONS:										
Acute Myocardial Infarction.....	9	44.4	24.4	*	44.4	28.4	*	44.4	31.6	*
Congestive Heart Failure.....	6	0.0	16.4	*	0.0	25.2	*	16.7	32.4	*
Pneumonia/Influenza.....	2	0.0	12.7	*	0.0	17.2	*	0.0	20.9	*
Chronic Obstructive Pulmonary Disease.....	0									
Transient Cerebral Ischemia.....	0									
Stroke.....	10	40.0	24.4	*	40.0	33.6	*	40.0	39.4	*
Hip Fracture.....	1	0.0	7.3	*	0.0	13.2	*	0.0	16.7	*
Sepsis.....	1	0.0	48.0	*	0.0	57.3	*	0.0	63.3	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

CITIZENS MEDICAL CENTER

100 E College Drive

Colby, KS 67701

Medicare Provider Number: 170008

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	221	9.5	9.4	2.1	14.9	14.5	2.4	17.2	18.8	3.6
CONDITIONS:										
Acute Myocardial Infarction.....	8	50.0	31.2	*	50.0	34.2	*	50.0	37.6	*
Congestive Heart Failure.....	17	17.6	15.0	*	29.4	23.9	*	29.4	31.3	*
Pneumonia/Influenza.....	19	5.3	16.6	*	5.3	22.8	*	5.3	27.9	*
Chronic Obstructive Pulmonary Disease.....	3	0.0	13.6	*	33.3	24.4	*	66.7	32.9	*
Transient Cerebral Ischemia.....	11	0.0	2.4	*	9.1	5.7	*	18.2	9.3	*
Stroke.....	12	25.0	19.9	*	33.3	26.3	*	33.3	31.0	*
Hip Fracture.....	1	0.0	7.7	*	0.0	15.6	*	0.0	21.2	*
Sepsis.....	1	100.0	55.1	*	100.0	65.8	*	100.0	71.8	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	5	0.0	0.6	*	0.0	1.5	*	0.0	2.5	*
Cholecystectomy.....	1	0.0	0.5	*	0.0	0.7	*	0.0	1.0	*
Hysterectomy.....	1	0.0	0.1	*	0.0	0.2	*	0.0	0.4	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 30
Occupancy Rate..... 47
Ownership/Control..... Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 6
Percent of Physicians Board Certified Specialists..... 83
Medical Residents/Interns..... 0
Registered Nurses..... 24
Licensed Practical Nurses..... 8

SPECIALTY SERVICES:

Burn Unit..... No
Cardiac Intensive Care..... No
Comprehensive Geriatric..... No
Hospice Care..... No
Medical/Surgical Intensive Care..... Yes
Organ/Tissue Transplant..... No
Other Intensive Care..... No
Rehabilitation Unit..... No
Trauma Center..... No

** Not used in calculating hospital mortality rates.

CITIZENS MEDICAL CENTER

Medicare Provider Number: 170008

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	246	11.8	9.3	2.7	18.3	14.4	2.9	20.3	18.5	2.6
CONDITIONS:										
Acute Myocardial Infarction.....	5	20.0	33.2	*	40.0	39.5	■	40.0	42.9	■
Congestive Heart Failure.....	24	12.5	14.3	*	29.2	22.4	■	29.2	29.1	■
Pneumonia/Influenza.....	26	7.7	14.3	*	7.7	19.3	*	7.7	23.5	■
Chronic Obstructive Pulmonary Disease.....	5	20.0	9.9	*	40.0	16.3	*	60.0	21.5	■
Transient Cerebral Ischemia.....	10	10.0	4.2	■	30.0	9.7	■	40.0	15.4	■
Stroke.....	10	40.0	23.7	*	40.0	31.0	■	40.0	35.7	*
Hip Fracture.....	1	0.0	7.3	■	0.0	14.1	■	0.0	18.6	*
Sepsis.....	1	100.0	34.7	*	100.0	43.9	■	100.0	51.9	■
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	3	0.0	0.6	■	0.0	1.3	*	0.0	2.1	*
Cholecystectomy.....	2	0.0	0.5	■	0.0	1.0	*	0.0	1.4	■
Hysterectomy.....	2	0.0	0.2	*	0.0	0.3	*	0.0	0.5	■

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	248	10.5	9.6	2.3	12.5	14.6	2.6	18.1	18.5	2.5
CONDITIONS:										
Acute Myocardial Infarction.....	5	20.0	21.2	*	20.0	23.4	■	20.0	26.0	■
Congestive Heart Failure.....	10	20.0	15.9	*	30.0	25.1	*	30.0	32.4	■
Pneumonia/Influenza.....	30	20.0	19.5	■	30.0	26.5	*	33.3	31.8	■
Chronic Obstructive Pulmonary Disease.....	12	16.7	11.7	■	16.7	20.7	*	16.7	27.5	*
Transient Cerebral Ischemia.....	9	0.0	1.9	*	0.0	4.1	■	11.1	6.6	*
Stroke.....	6	16.7	24.5	*	16.7	31.3	*	66.7	36.1	■
Hip Fracture.....	0									
Sepsis.....	1	100.0	41.8	■	100.0	56.7	*	100.0	65.7	■
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	4	0.0	0.4	*	0.0	0.8	*	0.0	1.4	*
Cholecystectomy.....	6	0.0	0.6	■	0.0	1.1	*	0.0	1.6	*
Hysterectomy.....	2	0.0	0.4	*	0.0	0.7	■	0.0	1.0	■

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

CLARA BARTON HOSPITAL250 W Ninth St
Hoisington, KS 67544

Medicare Provider Number: 170112

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	123	5.7	8.7	3.9	13.0	13.7	3.8	14.6	17.6	4.9
CONDITIONS:										
Acute Myocardial Infarction.....	3	0.0	20.2	*	0.0	23.9	*	0.0	27.4	*
Congestive Heart Failure.....	5	0.0	10.2	*	0.0	16.7	*	0.0	22.1	*
Pneumonia/Influenza.....	13	7.7	13.0	*	7.7	18.8	*	7.7	22.4	*
Chronic Obstructive Pulmonary Disease.....	0									
Transient Cerebral Ischemia.....	1	0.0	1.1	*	0.0	2.5	*	0.0	3.9	*
Stroke.....	9	0.0	18.4	*	11.1	24.8	*	11.1	29.2	*
Hip Fracture.....	1	0.0	7.1	*	100.0	14.9	*	100.0	21.8	*
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	1	0.0	5.0	*	0.0	11.8	*	0.0	18.1	*
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 44
Occupancy Rate..... 41
Ownership/Control..... Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 5
Percent of Physicians Board Certified Specialists..... 60
Medical Residents/Interns..... 0
Registered Nurses..... 12
Licensed Practical Nurses..... 1

SPECIALTY SERVICES:

Burn Unit..... No
Cardiac Intensive Care..... No
Comprehensive Geriatric..... No
Hospice Care..... No
Medical/Surgical Intensive Care..... No
Organ/Tissue Transplant..... No
Other Intensive Care..... No
Rehabilitation Unit..... No
Trauma Center..... No

** Not used in calculating hospital mortality rates.

CLARA BARTON HOSPITAL

Medicare Provider Number: 170112

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	165	13.9	8.3	2.7	21.2	12.6	3.5	27.3	15.9	4.2
CONDITIONS:										
Acute Myocardial Infarction.....	3	66.7	36.3	*	66.7	45.9	*	66.7	51.6	*
Congestive Heart Failure.....	11	27.3	19.0	*	36.4	30.4	*	54.5	38.3	*
Pneumonia/Influenza.....	14	7.1	11.8	*	21.4	17.5	*	28.6	21.7	*
Chronic Obstructive Pulmonary Disease.....	0									
Transient Cerebral Ischemia.....	3	0.0	1.1	*	0.0	2.4	*	0.0	3.6	*
Stroke.....	11	18.2	19.3	*	36.4	25.5	*	45.5	30.4	*
Hip Fracture.....	0									
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	170	10.6	8.2	3.0	15.3	13.1	3.2	18.8	17.0	3.9
CONDITIONS:										
Acute Myocardial Infarction.....	3	66.7	32.6	*	66.7	35.5	*	66.7	39.0	*
Congestive Heart Failure.....	7	28.6	13.4	*	28.6	22.0	*	28.6	29.3	*
Pneumonia/Influenza.....	18	16.7	15.6	*	27.8	21.7	*	33.3	26.5	*
Chronic Obstructive Pulmonary Disease.....	0									
Transient Cerebral Ischemia.....	1	0.0	2.9	*	0.0	7.0	*	0.0	11.8	*
Stroke.....	5	20.0	20.1	*	20.0	27.4	*	20.0	32.9	*
Hip Fracture.....	0									
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	3	0.0	1.8	*	0.0	3.6	*	0.0	5.0	*
Hysterectomy.....	2	0.0	0.4	*	0.0	0.8	*	0.0	1.3	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

CLAY COUNTY HOSPITAL

617 Liberty St
Clay Center, KS 67432

Medicare Provider Number: 170054

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	318	13.8	9.4	2.6	18.6	14.1	2.8	21.7	17.8	2.8
CONDITIONS:										
Acute Myocardial Infarction.....	15	33.3	30.8	*	33.3	35.7	*	33.3	39.5	*
Congestive Heart Failure.....	21	19.0	12.6	*	33.3	19.6	*	38.1	25.6	*
Pneumonia/Influenza.....	24	33.3	15.4	*	41.7	21.9	*	41.7	26.4	*
Chronic Obstructive Pulmonary Disease.....	4	25.0	6.3	*	25.0	12.5	*	50.0	18.7	*
Transient Cerebral Ischemia.....	1	0.0	1.6	*	0.0	3.5	*	0.0	5.6	*
Stroke.....	14	21.4	23.6	*	21.4	29.7	*	21.4	34.2	*
Hip Fracture.....	11	18.2	3.7	*	18.2	6.8	*	18.2	9.1	*
Sepsis.....	7	14.3	26.4	*	14.3	34.7	*	14.3	41.8	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	1	100.0	2.3	*	100.0	4.7	*	100.0	6.7	*
Prostatectomy.....	0									
Cholecystectomy.....	17	5.9	1.8	*	5.9	3.2	*	17.6	4.1	*
Hysterectomy.....	2	0.0	0.1	*	0.0	0.2	*	0.0	0.3	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 36
Occupancy Rate..... 36
Ownership/Control..... Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 5
Percent of Physicians Board Certified Specialists..... 100
Medical Residents/Interns..... 0
Registered Nurses..... 18
Licensed Practical Nurses..... 9

SPECIALTY SERVICES:

Burn Unit..... No
Cardiac Intensive Care..... No
Comprehensive Geriatric..... No
Hospice Care..... Yes
Medical/Surgical Intensive Care..... Yes
Organ/Tissue Transplant..... No
Other Intensive Care..... No
Rehabilitation Unit..... No
Trauma Center..... No

** Not used in calculating hospital mortality rates.

CLAY COUNTY HOSPITAL

Medicare Provider Number: 170054

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	352	11.9	9.4	1.8	16.2	13.8	2.1	18.8	17.5	2.2
CONDITIONS:										
Acute Myocardial Infarction.....	21	28.6	32.0	*	28.6	36.2	*	33.3	39.8	*
Congestive Heart Failure.....	16	18.8	13.6	*	25.0	21.0	*	31.3	27.6	*
Pneumonia/Influenza.....	21	28.6	18.7	*	33.3	25.8	*	33.3	31.2	*
Chronic Obstructive Pulmonary Disease.....	5	0.0	4.2	*	0.0	8.6	*	0.0	12.7	*
Transient Cerebral Ischemia.....	5	0.0	1.1	*	0.0	2.1	*	0.0	3.1	*
Stroke.....	20	30.0	22.5	*	35.0	28.6	*	35.0	33.2	*
Hip Fracture.....	6	16.7	6.7	*	16.7	12.1	*	16.7	15.4	*
Sepsis.....	7	28.6	16.6	*	28.6	21.7	*	28.6	27.0	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	2	50.0	4.3	*	50.0	8.0	*	50.0	10.4	*
Prostatectomy.....	0									
Cholecystectomy.....	19	10.5	3.2	*	10.5	5.6	*	10.5	7.1	*
Hysterectomy.....	3	0.0	0.2	*	0.0	0.3	*	0.0	0.5	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	309	18.1	9.8	1.8	23.9	15.0	2.3	26.5	19.2	2.7
CONDITIONS:										
Acute Myocardial Infarction.....	15	40.0	28.2	*	40.0	32.4	*	40.0	36.2	*
Congestive Heart Failure.....	16	31.3	13.2	*	37.5	21.6	*	43.8	28.6	*
Pneumonia/Influenza.....	17	35.3	18.0	*	41.2	25.9	*	41.2	31.5	*
Chronic Obstructive Pulmonary Disease.....	2	0.0	6.0	*	50.0	12.7	*	50.0	18.8	*
Transient Cerebral Ischemia.....	1	0.0	1.9	*	0.0	4.3	*	0.0	7.2	*
Stroke.....	12	66.7	18.2	*	66.7	25.7	*	66.7	30.5	*
Hip Fracture.....	0									
Sepsis.....	9	22.2	20.7	*	22.2	26.9	*	22.2	32.4	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	13	0.0	1.1	*	0.0	1.9	*	0.0	2.6	*
Hysterectomy.....	5	0.0	0.2	*	0.0	0.4	*	0.0	0.6	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

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617 Liberty

Clay Center, Kansas 67432

(913) 632-2144

January 7, 1991
Medicare # 170054

Health Care Financing Administration
Health Standards and Quality Bureau
Attention: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Sandra Kappert:

The following are our comments in regard to the Medicare Hospital Mortality Information.

We believe the statistics presented by HCFA in regard to our Hospital mortality rates can be helpful. Since our number of Mortalities is limited we believe that they can fluctuate each year, based on such things as weather, or specific epidemic type situations that can arise in a small community. In a given year the predicted rate may be high and in another year it may be low depending on the circumstances. Therefore, a study of five to ten years may be more accurate and therefore more meaningful.

In determining the quality of care for our terminal patients, we believe each case must be evaluated on its own merit. We at the Clay County Hospital are committed to quality care and have an on going checks and balances system to assure quality care for each person.

Sincerely,

John F. Wiebe, C.E.O.
Clay County Hospital

COFFEY COUNTY HOSPITAL

801 North 4th P O Box 189
Burlington, KS 66839

Medicare Provider Number: 170094

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	143	9.8	9.5	3.1	14.7	14.7	3.0	18.9	18.7	3.8
CONDITIONS:										
Acute Myocardial Infarction.....	4	50.0	30.4	*	75.0	35.1	*	75.0	39.3	*
Congestive Heart Failure.....	12	25.0	18.4	*	25.0	28.6	*	33.3	36.3	*
Pneumonia/Influenza.....	19	10.5	14.9	*	15.8	21.6	*	15.8	25.9	*
Chronic Obstructive Pulmonary Disease.....	2	0.0	2.8	*	0.0	5.1	*	0.0	7.1	*
Transient Cerebral Ischemia.....	2	0.0	1.8	*	0.0	4.3	*	0.0	7.0	*
Stroke.....	3	0.0	22.8	*	0.0	32.1	*	33.3	37.7	*
Hip Fracture.....	1	0.0	11.4	*	0.0	21.8	*	0.0	28.5	*
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	1	0.0	10.7	*	0.0	21.1	*	0.0	28.0	*
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	3	0.0	0.9	*	0.0	2.5	*	0.0	4.8	*
Cholecystectomy.....	1	0.0	1.8	*	0.0	3.0	*	0.0	3.7	*
Hysterectomy.....	1	0.0	2.6	*	0.0	5.4	*	0.0	8.1	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 26
Occupancy Rate..... 23
Ownership/Control..... Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... (Not Available)
Percent of Physicians Board Certified Specialists..... (Not Available)
Medical Residents/Interns..... (Not Available)
Registered Nurses..... (Not Available)
Licensed Practical Nurses..... (Not Available)

SPECIALTY SERVICES:

Burn Unit..... No
Cardiac Intensive Care..... No
Comprehensive Geriatric..... No
Hospice Care..... No
Medical/Surgical Intensive Care..... No
Organ/Tissue Transplant..... No
Other Intensive Care..... No
Rehabilitation Unit..... No
Trauma Center..... No

** Not used in calculating hospital mortality rates.

COFFEY COUNTY HOSPITAL

Medicare Provider Number: 170094

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	134	12.7	11.1	3.3	21.6	16.7	4.6	28.4	21.2	5.4
CONDITIONS:										
Acute Myocardial Infarction.....	5	40.0	37.7	*	60.0	42.3	*	80.0	46.6	*
Congestive Heart Failure.....	6	0.0	20.7	*	16.7	30.8	*	16.7	39.2	*
Pneumonia/Influenza.....	13	30.8	17.9	*	38.5	24.1	*	38.5	28.5	*
Chronic Obstructive Pulmonary Disease.....	2	0.0	5.1	*	0.0	8.4	*	0.0	12.2	*
Transient Cerebral Ischemia.....	3	0.0	2.2	*	0.0	5.0	*	33.3	8.1	*
Stroke.....	5	20.0	20.4	*	40.0	27.7	*	40.0	32.9	*
Hip Fracture.....	3	0.0	5.4	*	0.0	10.7	*	0.0	14.4	*
Sepsis.....	1	100.0	33.7	*	100.0	42.2	*	100.0	49.3	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	1	0.0	5.3	*	0.0	11.1	*	0.0	15.4	*
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	3	0.0	1.0	*	0.0	2.8	*	0.0	5.2	*
Cholecystectomy.....	1	0.0	2.7	*	0.0	3.7	*	0.0	4.6	*
Hysterectomy.....	1	0.0	0.1	*	0.0	0.1	*	0.0	0.2	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	124	16.1	10.4	4.6	22.6	15.6	5.6	25.8	19.9	5.4
CONDITIONS:										
Acute Myocardial Infarction.....	3	0.0	24.2	*	33.3	26.5	*	33.3	29.2	*
Congestive Heart Failure.....	7	57.1	23.3	*	71.4	35.4	*	71.4	44.6	*
Pneumonia/Influenza.....	14	35.7	18.0	*	42.9	24.3	*	42.9	29.2	*
Chronic Obstructive Pulmonary Disease.....	5	0.0	5.1	*	20.0	9.1	*	20.0	12.6	*
Transient Cerebral Ischemia.....	4	0.0	2.1	*	0.0	4.5	*	0.0	7.1	*
Stroke.....	3	33.3	20.7	*	66.7	26.6	*	66.7	31.5	*
Hip Fracture.....	3	0.0	4.4	*	0.0	8.7	*	0.0	12.4	*
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	1	0.0	2.3	*	0.0	4.5	*	0.0	6.5	*
Open Reduction of Hip Fracture.....	1	0.0	6.7	*	0.0	13.4	*	0.0	18.9	*
Prostatectomy.....	4	0.0	0.7	*	0.0	1.8	*	0.0	3.3	*
Cholecystectomy.....	0									
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

COFFEYVILLE REGIONAL MEDICAL CENTER

1400 W 14th St
Coffeyville, KS 67337

Medicare Provider Number: 170145

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	901	10.8	10.3	1.3	14.9	15.7	1.5	17.9	19.9	2.0
CONDITIONS:										
Acute Myocardial Infarction.....	36	33.3	27.5	*	36.1	31.2	*	41.7	34.9	*
Congestive Heart Failure.....	47	17.0	14.5	*	19.1	22.6	*	23.4	29.3	*
Pneumonia/Influenza.....	69	17.4	16.6	4.5	21.7	22.4	5.0	21.7	27.0	7.3
Chronic Obstructive Pulmonary Disease.....	14	35.7	11.8	*	35.7	19.5	*	35.7	25.7	*
Transient Cerebral Ischemia.....	7	0.0	2.1	*	0.0	4.8	*	14.3	7.6	*
Stroke.....	46	15.2	21.7	*	19.6	29.0	*	19.6	33.8	*
Hip Fracture.....	26	3.8	6.3	*	15.4	11.3	*	19.2	14.6	*
Sepsis.....	12	25.0	22.3	*	33.3	31.2	*	33.3	37.4	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	7	0.0	4.7	*	0.0	10.2	*	14.3	15.2	*
Carotid Endarterectomy.....	1	0.0	2.2	*	0.0	4.5	*	0.0	6.7	*
Hip Replacement/Reconstruction.....	11	0.0	3.0	*	0.0	5.9	*	0.0	8.1	*
Open Reduction of Hip Fracture.....	11	0.0	6.8	*	27.3	12.7	*	27.3	16.6	*
Prostatectomy.....	37	0.0	1.3	*	0.0	2.7	*	0.0	4.0	*
Cholecystectomy.....	22	0.0	3.2	*	9.1	6.2	*	9.1	8.5	*
Hysterectomy.....	5	0.0	1.3	*	0.0	3.3	*	0.0	5.5	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 114
Occupancy Rate..... 62
Ownership/Control..... Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 21
Percent of Physicians Board Certified Specialists..... 67
Medical Residents/Interns..... 0
Registered Nurses..... 83
Licensed Practical Nurses..... 9

SPECIALTY SERVICES:

Burn Unit..... No
Cardiac Intensive Care..... No
Comprehensive Geriatric..... No
Hospice Care..... No
Medical/Surgical Intensive Care..... Yes
Organ/Tissue Transplant..... No
Other Intensive Care..... No
Rehabilitation Unit..... No
Trauma Center..... No

** Not used in calculating hospital mortality rates.

COFFEYVILLE REGIONAL MEDICAL CENTER

Medicare Provider Number: 170145

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	911	12.3	10.8	1.4	16.9	16.1	1.4	21.3	20.1	1.6
CONDITIONS:										
Acute Myocardial Infarction.....	35	40.0	28.6	*	48.6	32.1	*	51.4	35.8	*
Congestive Heart Failure.....	59	16.9	16.6	4.9	23.7	25.0	6.0	30.5	31.8	6.3
Pneumonia/Influenza.....	73	19.2	19.1	4.7	26.0	25.7	6.4	28.8	30.6	6.9
Chronic Obstructive Pulmonary Disease.....	11	0.0	9.5	*	18.2	16.8	*	27.3	23.0	*
Transient Cerebral Ischemia.....	17	0.0	2.1	*	0.0	4.6	*	5.9	7.3	*
Stroke.....	42	16.7	21.6	*	28.6	28.1	*	38.1	32.6	*
Hip Fracture.....	24	8.3	7.2	*	8.3	13.2	*	12.5	17.1	*
Sepsis.....	15	13.3	18.2	*	20.0	25.0	*	26.7	30.3	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	1	0.0	1.3	*	0.0	2.9	*	0.0	4.6	*
Carotid Endarterectomy.....	9	0.0	1.7	*	0.0	3.2	*	11.1	4.7	*
Hip Replacement/Reconstruction.....	7	14.3	6.4	*	14.3	12.1	*	14.3	15.5	*
Open Reduction of Hip Fracture.....	13	7.7	6.8	*	7.7	13.0	*	15.4	17.2	*
Prostatectomy.....	36	0.0	1.1	*	0.0	2.9	*	2.8	5.1	*
Cholecystectomy.....	16	0.0	2.9	*	0.0	5.7	*	0.0	8.1	*
Hysterectomy.....	7	0.0	1.3	*	0.0	2.4	*	0.0	3.3	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	985	12.0	9.2	1.3	17.0	14.0	1.4	21.2	17.9	1.5
CONDITIONS:										
Acute Myocardial Infarction.....	36	47.2	28.4	*	50.0	32.6	*	52.8	36.6	*
Congestive Heart Failure.....	55	21.8	16.4	6.2	27.3	25.5	7.1	36.4	33.0	8.4
Pneumonia/Influenza.....	78	17.9	15.7	4.3	17.9	21.5	5.6	24.4	26.0	5.0
Chronic Obstructive Pulmonary Disease.....	7	14.3	6.4	*	14.3	11.0	*	28.6	15.2	*
Transient Cerebral Ischemia.....	18	0.0	2.2	*	5.6	4.9	*	16.7	8.0	*
Stroke.....	28	42.9	26.1	*	57.1	33.8	*	57.1	38.7	*
Hip Fracture.....	26	7.7	9.0	*	15.4	16.0	*	26.9	20.6	*
Sepsis.....	9	33.3	31.1	*	44.4	40.9	*	55.6	47.6	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	1	0.0	5.3	*	0.0	9.6	*	0.0	12.9	*
Carotid Endarterectomy.....	1	0.0	1.5	*	0.0	2.8	*	0.0	4.2	*
Hip Replacement/Reconstruction.....	3	0.0	4.2	*	0.0	8.2	*	0.0	11.1	*
Open Reduction of Hip Fracture.....	4	25.0	13.5	*	25.0	24.9	*	50.0	31.7	*
Prostatectomy.....	57	0.0	1.0	1.8	1.8	2.6	2.6	5.3	4.4	3.3
Cholecystectomy.....	14	7.1	3.2	*	14.3	6.7	*	14.3	9.4	*
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

COMANCHE COUNTY HOSPITAL

2nd & Frisco Sts
Coldwater, KS 67029

Medicare Provider Number: 170036

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	52	13.5	12.2	4.6	17.3	17.0	5.4	17.3	21.4	6.0
CONDITIONS:										
Acute Myocardial Infarction.....	5	20.0	35.8	*	20.0	41.9	*	20.0	47.4	*
Congestive Heart Failure.....	2	50.0	28.3	*	50.0	34.9	*	50.0	41.6	*
Pneumonia/Influenza.....	6	33.3	15.8	*	50.0	22.4	*	50.0	27.5	*
Chronic Obstructive Pulmonary Disease.....	1	0.0	3.4	*	0.0	6.5	*	0.0	9.5	*
Transient Cerebral Ischemia.....	0									
Stroke.....	2	0.0	21.4	*	50.0	28.5	*	50.0	33.8	*
Hip Fracture.....	0									
Sepsis.....	2	50.0	35.0	*	50.0	47.2	*	50.0	56.2	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	1	0.0	0.4	*	0.0	0.7	*	0.0	1.0	*
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 14
Occupancy Rate..... 21
Ownership/Control..... Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 3
Percent of Physicians Board Certified Specialists..... 33
Medical Residents/Interns..... 0
Registered Nurses..... 4
Licensed Practical Nurses..... 1

SPECIALTY SERVICES:

Burn Unit..... No
Cardiac Intensive Care..... No
Comprehensive Geriatric..... No
Hospice Care..... No
Medical/Surgical Intensive Care..... No
Organ/Tissue Transplant..... No
Other Intensive Care..... No
Rehabilitation Unit..... No
Trauma Center..... No

** Not used in calculating hospital mortality rates.

COMANCHE COUNTY HOSPITAL

Medicare Provider Number: 170036

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	57	24.6	11.5	6.4	26.3	16.9	7.0	26.3	21.2	8.9
CONDITIONS:										
Acute Myocardial Infarction.....	4	50.0	23.2	*	50.0	27.0	*	50.0	30.5	*
Congestive Heart Failure.....	7	71.4	14.7	*	71.4	23.2	*	71.4	30.4	*
Pneumonia/Influenza.....	6	16.7	12.6	*	16.7	17.6	*	16.7	21.8	*
Chronic Obstructive Pulmonary Disease.....	0									
Transient Cerebral Ischemia.....	0									
Stroke.....	2	50.0	24.9	*	50.0	32.7	*	50.0	38.1	*
Hip Fracture.....	0									
Sepsis.....	3	0.0	18.2	*	0.0	23.8	*	0.0	28.9	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	1	0.0	0.5	*	0.0	0.8	*	0.0	1.2	*
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	59	16.9	8.3	4.5	23.7	13.1	5.1	32.2	16.9	6.3
CONDITIONS:										
Acute Myocardial Infarction.....	1	100.0	20.2	*	100.0	22.2	*	100.0	24.6	*
Congestive Heart Failure.....	5	40.0	15.5	*	40.0	24.5	*	60.0	31.8	*
Pneumonia/Influenza.....	2	100.0	28.3	*	100.0	43.2	*	100.0	51.4	*
Chronic Obstructive Pulmonary Disease.....	1	0.0	2.5	*	0.0	4.3	*	0.0	5.9	*
Transient Cerebral Ischemia.....	2	0.0	2.1	*	0.0	4.7	*	0.0	7.7	*
Stroke.....	3	0.0	18.5	*	33.3	25.1	*	33.3	29.9	*
Hip Fracture.....	0									
Sepsis.....	1	0.0	6.3	*	0.0	12.1	*	0.0	16.4	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	2	0.0	0.5	*	0.0	0.9	*	0.0	1.3	*
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

COMMUNITY HOSPITAL ONAGA INC

120 W Eighth St

Onaga, KS 66521

Medicare Provider Number: 170045

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	125	6.4	9.1	3.0	10.4	14.0	4.2	12.0	18.1	4.7
CONDITIONS:										
Acute Myocardial Infarction.....	5	20.0	27.5	*	20.0	30.3	*	20.0	33.9	*
Congestive Heart Failure.....	1	0.0	17.1	*	0.0	26.6	*	0.0	34.4	*
Pneumonia/Influenza.....	9	0.0	15.8	*	11.1	21.1	*	22.2	25.7	*
Chronic Obstructive Pulmonary Disease.....	3	0.0	6.0	*	0.0	11.4	*	0.0	16.5	*
Transient Cerebral Ischemia.....	3	0.0	1.4	*	0.0	2.8	*	0.0	4.3	*
Stroke.....	5	20.0	26.8	*	20.0	34.8	*	40.0	40.3	*
Hip Fracture.....	1	0.0	3.8	*	0.0	7.7	*	0.0	11.2	*
Sepsis.....	1	100.0	37.3	*	100.0	42.6	*	100.0	48.9	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	2	0.0	1.2	*	0.0	3.3	*	0.0	6.1	*
Cholecystectomy.....	2	0.0	1.1	*	0.0	2.0	*	0.0	2.7	*
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 21
 Occupancy Rate..... 33
 Ownership/Control..... Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 4
 Percent of Physicians Board Certified Specialists..... (Not Available)
 Medical Residents/Interns..... 0
 Registered Nurses..... 18
 Licensed Practical Nurses..... 2

SPECIALTY SERVICES:

Burn Unit..... No
 Cardiac Intensive Care..... No
 Comprehensive Geriatric..... Yes
 Hospice Care..... No
 Medical/Surgical Intensive Care..... Yes
 Organ/Tissue Transplant..... No
 Other Intensive Care..... No
 Rehabilitation Unit..... Yes
 Trauma Center..... No

** Not used in calculating hospital mortality rates.

COMMUNITY HOSPITAL ONAGA INC

Medicare Provider Number: 170045

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	161	9.9	11.2	3.2	14.9	16.6	3.6	18.6	21.1	4.1
CONDITIONS:										
Acute Myocardial Infarction.....	7	14.3	21.2	*	14.3	24.8	*	14.3	28.4	*
Congestive Heart Failure.....	7	28.6	12.8	*	28.6	19.3	*	28.6	25.1	*
Pneumonia/Influenza.....	13	30.8	24.7	*	53.8	33.2	*	61.5	38.9	*
Chronic Obstructive Pulmonary Disease.....	3	0.0	6.2	*	0.0	9.6	*	0.0	12.7	*
Transient Cerebral Ischemia.....	2	0.0	1.1	*	0.0	2.3	*	0.0	3.5	*
Stroke.....	5	60.0	29.0	*	60.0	35.3	*	60.0	40.2	*
Hip Fracture.....	0									
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	4	0.0	0.7	*	0.0	1.9	*	0.0	3.4	*
Cholecystectomy.....	2	0.0	2.4	*	0.0	4.3	*	0.0	5.4	*
Hysterectomy.....	4	0.0	0.4	*	0.0	0.6	*	0.0	0.9	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	188	7.4	10.5	3.3	10.1	16.0	4.1	16.0	20.6	3.9
CONDITIONS:										
Acute Myocardial Infarction.....	4	25.0	38.6	*	25.0	44.7	*	25.0	50.7	*
Congestive Heart Failure.....	10	20.0	19.1	*	20.0	28.8	*	20.0	36.5	*
Pneumonia/Influenza.....	11	18.2	26.4	*	27.3	36.3	*	36.4	43.0	*
Chronic Obstructive Pulmonary Disease.....	5	0.0	14.9	*	0.0	24.7	*	20.0	30.7	*
Transient Cerebral Ischemia.....	2	0.0	2.9	*	0.0	6.9	*	0.0	11.5	*
Stroke.....	11	27.3	27.4	*	36.4	34.4	*	36.4	39.8	*
Hip Fracture.....	0									
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	6	0.0	0.6	*	0.0	1.5	*	0.0	2.6	*
Cholecystectomy.....	1	0.0	1.3	*	0.0	2.7	*	0.0	3.9	*
Hysterectomy.....	1	0.0	31.6	*	0.0	59.7	*	0.0	75.0	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

COMMUNITY MEMORIAL HOSPITAL

708 N 18th St
Marysville, KS 66508

Medicare Provider Number: 170113

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	357	13.2	9.9	2.1	18.2	14.8	2.4	22.7	18.7	2.8
CONDITIONS:										
Acute Myocardial Infarction.....	13	30.8	23.7	*	46.2	26.3	*	46.2	29.6	*
Congestive Heart Failure.....	21	38.1	19.5	*	47.6	29.4	*	57.1	36.6	*
Pneumonia/Influenza.....	37	27.0	17.2	*	27.0	22.7	*	29.7	26.9	*
Chronic Obstructive Pulmonary Disease.....	6	0.0	7.5	*	0.0	11.7	*	0.0	15.8	*
Transient Cerebral Ischemia.....	7	14.3	2.5	*	14.3	5.9	*	14.3	9.6	*
Stroke.....	18	50.0	21.5	*	55.6	30.7	*	66.7	36.0	*
Hip Fracture.....	13	0.0	6.3	*	0.0	11.2	*	0.0	14.5	*
Sepsis.....	3	0.0	15.0	*	0.0	19.0	*	0.0	23.3	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	6	0.0	7.1	*	0.0	12.0	*	16.7	15.0	*
Open Reduction of Hip Fracture.....	7	0.0	4.5	*	0.0	8.9	*	0.0	12.3	*
Prostatectomy.....	6	16.7	0.9	*	16.7	2.4	*	16.7	4.1	*
Cholecystectomy.....	6	0.0	3.3	*	0.0	6.7	*	0.0	9.5	*
Hysterectomy.....	5	0.0	0.2	*	0.0	0.5	*	0.0	0.7	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989		SPECIALTY SERVICES:	
Total Beds.....	55	Burn Unit.....	No
Occupancy Rate.....	31	Cardiac Intensive Care.....	No
Ownership/Control.....	Private, Non-Profit	Comprehensive Geriatric.....	No
STAFFING: (As of September 30, 1989)		Hospice Care.....	No
Total Number of Physicians.....	8	Medical/Surgical Intensive Care.....	No
Percent of Physicians Board Certified Specialists.....	75	Organ/Tissue Transplant.....	No
Medical Residents/Interns.....	0	Other Intensive Care.....	Yes
Registered Nurses.....	17	Rehabilitation Unit.....	No
Licensed Practical Nurses.....	4	Trauma Center.....	No

** Not used in calculating hospital mortality rates.

COMMUNITY MEMORIAL HOSPITAL

Medicare Provider Number: 170113

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	381	13.4	10.2	2.4	18.4	15.2	2.8	22.8	19.2	3.3
CONDITIONS:										
Acute Myocardial Infarction.....	11	18.2	26.2	*	36.4	29.4	*	36.4	33.1	*
Congestive Heart Failure.....	28	28.6	18.6	*	35.7	27.6	*	46.4	34.8	*
Pneumonia/Influenza.....	28	42.9	21.9	*	50.0	28.0	*	50.0	32.5	*
Chronic Obstructive Pulmonary Disease.....	5	0.0	7.8	*	0.0	12.8	*	0.0	17.5	*
Transient Cerebral Ischemia.....	10	0.0	3.6	*	0.0	8.6	*	0.0	13.9	*
Stroke.....	24	33.3	20.7	*	41.7	29.3	*	45.8	34.4	*
Hip Fracture.....	19	0.0	7.2	*	0.0	13.0	*	0.0	16.6	*
Sepsis.....	4	25.0	34.7	*	50.0	41.7	*	50.0	48.1	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	9	0.0	6.6	*	0.0	12.2	*	0.0	15.4	*
Open Reduction of Hip Fracture.....	10	0.0	6.4	*	0.0	12.4	*	0.0	16.5	*
Prostatectomy.....	11	9.1	1.1	*	9.1	2.5	*	9.1	4.1	*
Cholecystectomy.....	8	12.5	4.5	*	12.5	8.3	*	12.5	10.4	*
Hysterectomy.....	1	0.0	2.7	*	0.0	6.5	*	0.0	10.4	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	383	13.8	9.9	2.3	18.0	14.7	2.5	21.9	18.5	2.6
CONDITIONS:										
Acute Myocardial Infarction.....	16	18.8	28.2	*	18.8	31.6	*	25.0	35.2	*
Congestive Heart Failure.....	28	39.3	18.1	*	46.4	27.1	*	53.6	34.5	*
Pneumonia/Influenza.....	34	23.5	18.9	*	35.3	24.8	*	35.3	29.3	*
Chronic Obstructive Pulmonary Disease.....	4	0.0	5.9	*	0.0	10.8	*	0.0	14.9	*
Transient Cerebral Ischemia.....	8	0.0	3.2	*	0.0	7.6	*	0.0	12.5	*
Stroke.....	25	32.0	19.4	*	32.0	26.9	*	40.0	31.6	*
Hip Fracture.....	16	6.3	6.3	*	6.3	11.5	*	6.3	15.1	*
Sepsis.....	6	16.7	30.5	*	16.7	36.8	*	33.3	42.8	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	2	0.0	5.2	*	0.0	11.1	*	0.0	15.7	*
Open Reduction of Hip Fracture.....	12	8.3	5.2	*	8.3	9.9	*	8.3	13.3	*
Prostatectomy.....	5	0.0	1.3	*	0.0	3.3	*	0.0	5.8	*
Cholecystectomy.....	12	0.0	1.6	*	0.0	2.9	*	0.0	3.8	*
Hysterectomy.....	4	0.0	0.2	*	0.0	0.6	*	0.0	0.9	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

CUSHING MEMORIAL HOSPITAL

623 Marshall St
Leavenworth, KS 66048

Medicare Provider Number: 170133

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	405	10.1	8.9	1.7	15.8	14.1	2.6	18.3	18.0	2.3
CONDITIONS:										
Acute Myocardial Infarction.....	9	44.4	22.4	*	44.4	26.9	*	44.4	31.0	*
Congestive Heart Failure.....	21	14.3	13.7	*	28.6	20.9	*	33.3	27.2	*
Pneumonia/Influenza.....	29	17.2	19.2	*	20.7	26.4	*	27.6	31.7	*
Chronic Obstructive Pulmonary Disease.....	10	10.0	10.5	*	10.0	20.6	*	10.0	29.2	*
Transient Cerebral Ischemia.....	6	0.0	1.8	*	0.0	4.2	*	16.7	6.6	*
Stroke.....	8	25.0	23.7	*	37.5	32.9	*	37.5	38.3	*
Hip Fracture.....	10	0.0	6.1	*	10.0	10.9	*	20.0	14.1	*
Sepsis.....	4	0.0	23.3	*	25.0	28.1	*	25.0	33.3	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	1	0.0	1.1	*	0.0	2.1	*	0.0	3.1	*
Carotid Endarterectomy.....	4	0.0	1.6	*	0.0	3.4	*	0.0	5.3	*
Hip Replacement/Reconstruction.....	3	33.3	5.2	*	33.3	10.9	*	66.7	15.7	*
Open Reduction of Hip Fracture.....	9	0.0	5.6	*	11.1	10.4	*	11.1	13.6	*
Prostatectomy.....	7	0.0	0.6	*	0.0	1.4	*	0.0	2.4	*
Cholecystectomy.....	7	14.3	2.2	*	14.3	3.9	*	14.3	5.0	*
Hysterectomy.....	2	0.0	2.2	*	0.0	5.4	*	0.0	8.6	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: Health Care Financing Administration (OSCAR) - 1990

Total Beds..... 94
Ownership/Control..... Private, Non-Profit

STAFFING:

Medical Residents/Interns..... 0
Registered Nurses..... 46
Licensed Practical Nurses..... 9

SPECIALTY SERVICES:

Burn Unit..... No
Coronary Care Unit..... Yes
Hospice..... Yes
Intensive Care Unit..... Yes
Organ Transplant..... No
Rehabilitation..... No
Shock Trauma..... No

** Not used in calculating hospital mortality rates.

CUSHING MEMORIAL HOSPITAL

Medicare Provider Number: 170133

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	417	10.8	9.2	2.7	15.6	14.2	3.0	18.9	18.0	3.1
CONDITIONS:										
Acute Myocardial Infarction.....	18	33.3	27.5	*	33.3	30.8	*	33.3	34.2	*
Congestive Heart Failure.....	23	26.1	14.2	*	26.1	21.7	*	30.4	28.2	*
Pneumonia/Influenza.....	28	21.4	21.0	*	28.6	28.6	*	35.7	34.0	*
Chronic Obstructive Pulmonary Disease.....	0									
Transient Cerebral Ischemia.....	7	0.0	2.0	*	0.0	4.2	*	0.0	6.5	*
Stroke.....	19	26.3	18.0	*	42.1	25.3	*	42.1	30.0	*
Hip Fracture.....	6	0.0	5.4	*	0.0	10.0	*	0.0	13.1	*
Sepsis.....	4	50.0	34.2	*	75.0	45.3	*	75.0	53.0	*
PROCEDURE:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	2	0.0	2.4	*	0.0	5.1	*	0.0	7.6	*
Hip Replacement/Reconstruction.....	5	0.0	2.9	*	0.0	6.3	*	0.0	8.9	*
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	12	0.0	0.8	*	0.0	2.0	*	0.0	3.5	*
Cholecystectomy.....	6	0.0	1.6	*	0.0	2.8	*	0.0	3.6	*
Hysterectomy.....	3	0.0	0.6	*	0.0	1.5	*	0.0	2.3	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	418	11.7	9.2	2.8	15.6	14.2	2.9	19.1	18.0	2.6
CONDITIONS:										
Acute Myocardial Infarction.....	13	61.5	37.6	*	61.5	40.8	*	61.5	44.5	*
Congestive Heart Failure.....	15	26.7	14.1	*	40.0	22.3	*	40.0	29.4	*
Pneumonia/Influenza.....	23	13.0	17.7	*	30.4	24.7	*	30.4	30.2	*
Chronic Obstructive Pulmonary Disease.....	2	0.0	6.6	*	0.0	11.7	*	0.0	15.8	*
Transient Cerebral Ischemia.....	9	11.1	2.5	*	11.1	5.0	*	11.1	7.7	*
Stroke.....	16	12.5	23.2	*	25.0	31.4	*	31.3	36.5	*
Hip Fracture.....	19	15.8	8.3	*	15.8	14.4	*	21.1	18.1	*
Sepsis.....	2	0.0	18.6	*	50.0	23.0	*	50.0	27.7	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	4	0.0	2.5	*	0.0	5.5	*	0.0	8.6	*
Carotid Endarterectomy.....	3	33.3	2.0	*	33.3	3.9	*	33.3	5.9	*
Hip Replacement/Reconstruction.....	7	0.0	5.3	*	0.0	10.1	*	0.0	13.0	*
Open Reduction of Hip Fracture.....	12	16.7	6.0	*	16.7	11.2	*	25.0	14.6	*
Prostatectomy.....	19	0.0	1.7	*	0.0	4.3	*	10.5	7.3	*
Cholecystectomy.....	10	0.0	4.0	*	10.0	6.6	*	10.0	7.8	*
Hysterectomy.....	4	0.0	0.6	*	0.0	1.4	*	0.0	2.0	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

DECATUR COUNTY HOSPITAL

810 W Columbia
Oberlin, KS 67749

Medicare Provider Number: 170060

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	272	4.0	7.4	2.4	7.4	11.1	2.8	11.0	14.4	2.9
CONDITIONS:										
Acute Myocardial Infarction.....	5	20.0	30.7	*	20.0	35.1	*	20.0	39.3	*
Congestive Heart Failure.....	15	13.3	15.7	*	13.3	24.8	*	20.0	32.1	*
Pneumonia/Influenza.....	18	5.6	18.2	*	16.7	24.5	*	22.2	29.7	*
Chronic Obstructive Pulmonary Disease.....	6	0.0	5.7	*	16.7	10.3	*	16.7	14.6	*
Transient Cerebral Ischemia.....	4	0.0	2.1	*	0.0	4.4	*	25.0	6.9	*
Stroke.....	4	0.0	16.3	*	0.0	22.6	*	0.0	26.8	*
Hip Fracture.....	3	33.3	6.9	*	33.3	11.7	*	33.3	14.8	*
Sepsis.....	3	0.0	39.1	*	0.0	46.7	*	0.0	55.3	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	1	0.0	1.3	*	0.0	3.0	*	0.0	4.8	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	1	0.0	3.2	*	0.0	6.7	*	0.0	9.5	*
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	10	0.0	0.7	*	0.0	1.7	*	0.0	3.0	*
Cholecystectomy.....	9	0.0	1.5	*	0.0	2.5	*	0.0	3.3	*
Hysterectomy.....	6	0.0	0.6	*	0.0	1.1	*	0.0	1.6	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 74
Occupancy Rate..... 69
Ownership/Control..... Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 3
Percent of Physicians Board Certified Specialists..... 67
Medical Residents/Interns..... 0
Registered Nurses..... 11
Licensed Practical Nurses..... 3

SPECIALTY SERVICES:

Burn Unit..... No
Cardiac Intensive Care..... No
Comprehensive Geriatric..... No
Hospice Care..... No
Medical/Surgical Intensive Care..... No
Organ/Tissue Transplant..... No
Other Intensive Care..... No
Rehabilitation Unit..... No
Trauma Center..... No

** Not used in calculating hospital mortality rates.

DECATUR COUNTY HOSPITAL

Medicare Provider Number: 170060

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	258	5.4	9.3	2.3	8.9	14.3	3.1	11.6	18.5	3.4
CONDITIONS:										
Acute Myocardial Infarction.....	10	30.0	32.5	*	40.0	36.4	*	40.0	40.6	*
Congestive Heart Failure.....	9	22.2	18.4	*	33.3	29.0	*	44.4	37.3	*
Pneumonia/Influenza.....	16	6.3	18.8	*	12.5	25.2	*	12.5	30.2	*
Chronic Obstructive Pulmonary Disease.....	4	0.0	5.1	*	0.0	10.0	*	0.0	14.7	*
Transient Cerebral Ischemia.....	4	0.0	3.6	*	0.0	8.9	*	0.0	14.8	*
Stroke.....	6	16.7	27.8	*	33.3	36.4	*	50.0	41.7	*
Hip Fracture.....	0									
Sepsis.....	5	0.0	25.8	*	0.0	32.5	*	20.0	38.3	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	1	0.0	0.9	*	0.0	2.0	*	0.0	3.1	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	10	0.0	1.1	*	0.0	3.0	*	0.0	5.3	*
Cholecystectomy.....	2	0.0	8.5	*	0.0	14.2	*	0.0	16.6	*
Hysterectomy.....	1	0.0	0.9	*	0.0	2.0	*	0.0	3.0	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	245	9.8	11.5	2.7	13.9	17.0	3.5	17.1	21.5	4.4
CONDITIONS:										
Acute Myocardial Infarction.....	10	50.0	35.9	*	50.0	39.5	*	50.0	43.8	*
Congestive Heart Failure.....	12	0.0	18.6	*	8.3	27.3	*	16.7	34.2	*
Pneumonia/Influenza.....	13	0.0	20.8	*	0.0	27.9	*	7.7	33.4	*
Chronic Obstructive Pulmonary Disease.....	4	0.0	13.4	*	0.0	19.0	*	0.0	24.0	*
Transient Cerebral Ischemia.....	6	0.0	3.4	*	0.0	7.9	*	0.0	12.3	*
Stroke.....	7	57.1	23.5	*	57.1	31.0	*	71.4	35.7	*
Hip Fracture.....	1	100.0	10.5	*	100.0	19.6	*	100.0	25.6	*
Sepsis.....	4	25.0	37.2	*	50.0	44.9	*	50.0	52.1	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	4	0.0	1.0	*	0.0	2.4	*	0.0	3.9	*
Cholecystectomy.....	2	0.0	1.1	*	0.0	1.8	*	0.0	2.4	*
Hysterectomy.....	2	0.0	0.3	*	0.0	0.6	*	0.0	0.8	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

DECHAIRO HOSPITAL208 North First
Westmoreland, KS 66549

Medicare Provider Number: 170044

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	126	7.1	12.6	5.6	17.5	18.8	5.5	21.4	23.5	5.7
CONDITIONS:										
Acute Myocardial Infarction.....	4	25.0	39.1	*	25.0	43.4	*	25.0	46.9	*
Congestive Heart Failure.....	9	0.0	15.0	*	11.1	23.4	*	22.2	30.2	*
Pneumonia/Influenza.....	13	0.0	20.7	*	15.4	28.1	*	15.4	33.1	*
Chronic Obstructive Pulmonary Disease.....	1	0.0	3.2	*	0.0	6.6	*	0.0	9.9	*
Transient Cerebral Ischemia.....	3	0.0	1.7	*	0.0	3.6	*	0.0	5.7	*
Stroke.....	3	33.3	26.6	*	33.3	31.6	*	33.3	36.3	*
Hip Fracture.....	0									
Sepsis.....	1	0.0	20.0	*	0.0	25.5	*	0.0	29.4	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	8	0.0	0.8	*	25.0	2.0	*	37.5	3.6	*
Cholecystectomy.....	0									
Hysterectomy.....	0									

*The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 14
Occupancy Rate..... 36
Ownership/Control..... Private, For Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 18
Percent of Physicians Board Certified Specialists.....(Not Available)
Medical Residents/Interns..... 0
Registered Nurses..... 6
Licensed Practical Nurses..... 5

SPECIALTY SERVICES:

Burn Unit..... No
Cardiac Intensive Care..... No
Comprehensive Geriatric..... No
Hospice Care..... No
Medical/Surgical Intensive Care..... No
Organ/Tissue Transplant..... No
Other Intensive Care..... No
Rehabilitation Unit..... No
Trauma Center..... No

** Not used in calculating hospital mortality rates.

DECHAIRO HOSPITAL
Medicare Provider Number: 170044

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	128	4.7	13.2	4.7	14.8	21.3	5.4	19.5	27.1	5.2
CONDITIONS:										
Acute Myocardial Infarction.....	1	100.0	68.4	*	100.0	74.3	*	100.0	80.1	*
Congestive Heart Failure.....	4	0.0	14.5	*	0.0	24.5	*	25.0	32.5	*
Pneumonia/Influenza.....	9	11.1	16.5	*	11.1	22.7	*	11.1	27.1	*
Chronic Obstructive Pulmonary Disease.....	1	0.0	12.4	*	100.0	24.0	*	100.0	33.3	*
Transient Cerebral Ischemia.....	0									
Stroke.....	3	0.0	26.9	*	0.0	32.9	*	0.0	37.8	*
Hip Fracture.....	0									
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	7	0.0	0.5	*	14.3	1.1	*	14.3	1.9	*
Cholecystectomy.....	1	0.0	1.0	*	0.0	1.5	*	0.0	1.9	*
Hysterectomy.....	2	0.0	0.5	*	0.0	1.5	*	0.0	3.0	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	149	9.4	13.3	3.4	12.1	18.8	4.4	14.8	23.2	5.1
CONDITIONS:										
Acute Myocardial Infarction.....	7	42.9	36.3	*	42.9	41.2	*	42.9	44.6	*
Congestive Heart Failure.....	14	14.3	17.1	*	28.6	26.6	*	28.6	33.8	*
Pneumonia/Influenza.....	23	13.0	14.4	*	17.4	19.8	*	21.7	24.2	*
Chronic Obstructive Pulmonary Disease.....	1	0.0	9.6	*	0.0	17.1	*	0.0	25.8	*
Transient Cerebral Ischemia.....	0									
Stroke.....	5	20.0	21.2	*	20.0	27.8	*	20.0	32.8	*
Hip Fracture.....	0									
Sepsis.....	6	33.3	33.7	*	33.3	42.4	*	50.0	49.4	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	6	0.0	0.9	*	0.0	2.0	*	0.0	3.3	*
Cholecystectomy.....	0									
Hysterectomy.....	4	0.0	0.5	*	0.0	1.0	*	0.0	1.4	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

DISTRICT HOSPITAL 4-STAFFORD

502 S Buckeye
Stafford, KS 67578

Medicare Provider Number: 170038

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	177	9.0	11.0	2.5	12.4	15.8	3.2	14.7	19.8	3.7
CONDITIONS:										
Acute Myocardial Infarction.....	11	27.3	30.7	*	27.3	33.5	*	27.3	37.2	*
Congestive Heart Failure.....	7	14.3	19.2	*	28.6	29.7	*	28.6	38.0	*
Pneumonia/Influenza.....	14	14.3	15.8	*	21.4	21.9	*	21.4	26.7	*
Chronic Obstructive Pulmonary Disease.....	2	0.0	18.4	*	0.0	29.4	*	0.0	37.0	*
Transient Cerebral Ischemia.....	7	0.0	2.7	*	14.3	6.6	*	14.3	10.8	*
Stroke.....	6	0.0	17.3	*	0.0	23.3	*	0.0	27.8	*
Hip Fracture.....	1	0.0	10.8	*	100.0	17.7	*	100.0	21.5	*
Sepsis.....	2	50.0	16.7	*	50.0	25.4	*	50.0	30.9	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	7	0.0	0.9	*	0.0	2.1	*	0.0	3.5	*
Cholecystectomy.....	1	0.0	0.5	*	0.0	0.9	*	0.0	1.3	*
Hysterectomy.....	1	0.0	1.2	*	0.0	2.9	*	0.0	4.6	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 25
Occupancy Rate..... 48
Ownership/Control..... District/Authority

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 4
Percent of Physicians Board Certified Specialists..... 25
Medical Residents/Interns..... 0
Registered Nurses..... 11
Licensed Practical Nurses..... 1

SPECIALTY SERVICES:

Burn Unit..... No
Cardiac Intensive Care..... No
Comprehensive Geriatric..... No
Hospice Care..... No
Medical/Surgical Intensive Care..... No
Organ/Tissue Transplant..... No
Other Intensive Care..... No
Rehabilitation Unit..... No
Trauma Center..... No

** Not used in calculating hospital mortality rates.

DISTRICT HOSPITAL 4-STAFFORD

Medicare Provider Number: 170038

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	186	9.1	10.4	3.6	13.4	15.3	5.2	16.1	19.5	5.7
CONDITIONS:										
Acute Myocardial Infarction.....	11	36.4	33.2	*	36.4	38.7	*	45.5	44.0	*
Congestive Heart Failure.....	13	23.1	17.2	*	23.1	26.2	*	30.8	33.7	*
Pneumonia/Influenza.....	11	9.1	21.9	*	36.4	28.6	*	36.4	33.4	*
Chronic Obstructive Pulmonary Disease.....	2	0.0	4.4	*	0.0	8.7	*	0.0	12.6	*
Transient Cerebral Ischemia.....	9	0.0	4.4	*	0.0	10.1	*	0.0	15.7	*
Stroke.....	8	25.0	18.2	*	37.5	24.8	*	50.0	29.4	*
Hip Fracture.....	1	0.0	3.4	*	0.0	6.0	*	0.0	7.9	*
Sepsis.....	2	50.0	22.7	*	50.0	38.6	*	50.0	48.9	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	6	0.0	1.1	*	0.0	2.7	*	0.0	4.2	*
Cholecystectomy.....	4	0.0	1.4	*	0.0	2.5	*	0.0	3.2	*
Hysterectomy.....	1	0.0	1.5	*	0.0	2.7	*	0.0	3.2	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	182	12.1	11.9	3.3	14.3	16.7	4.0	17.0	20.6	5.4
CONDITIONS:										
Acute Myocardial Infarction.....	12	41.7	38.8	*	50.0	43.9	*	50.0	48.8	*
Congestive Heart Failure.....	7	0.0	15.1	*	0.0	23.3	*	28.6	29.9	*
Pneumonia/Influenza.....	15	20.0	20.3	*	20.0	27.4	*	20.0	32.3	*
Chronic Obstructive Pulmonary Disease.....	3	0.0	6.8	*	0.0	12.8	*	0.0	17.5	*
Transient Cerebral Ischemia.....	16	6.3	2.2	*	6.3	5.2	*	12.5	8.4	*
Stroke.....	9	44.4	18.3	*	44.4	24.6	*	44.4	29.2	*
Hip Fracture.....	2	50.0	4.5	*	50.0	8.3	*	50.0	10.9	*
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	3	0.0	1.5	*	0.0	3.2	*	0.0	4.9	*
Cholecystectomy.....	4	0.0	1.5	*	0.0	2.6	*	0.0	3.4	*
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

EDWARDS COUNTY HOSPITAL

620 W 8th St
Kinsley, KS 67547

Medicare Provider Number: 170072

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	126	5.6	12.5	4.0	11.1	17.7	4.9	12.7	22.1	5.4
CONDITIONS:										
Acute Myocardial Infarction.....	7	28.6	34.6	*	28.6	38.8	*	28.6	43.2	*
Congestive Heart Failure.....	11	0.0	17.4	*	9.1	26.1	*	18.2	33.5	*
Pneumonia/Influenza.....	29	10.3	17.5	*	13.8	23.8	*	17.2	29.0	*
Chronic Obstructive Pulmonary Disease.....	1	0.0	10.4	*	0.0	16.5	*	0.0	21.7	*
Transient Cerebral Ischemia.....	2	0.0	2.5	*	0.0	5.4	*	0.0	8.2	*
Stroke.....	4	0.0	24.6	*	25.0	32.5	*	25.0	38.0	*
Hip Fracture.....	0									
Sepsis.....	1	0.0	15.6	*	0.0	20.5	*	0.0	25.7	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	2	0.0	0.7	*	0.0	1.3	*	0.0	1.7	*
Hysterectomy.....	1	0.0	0.4	*	0.0	0.6	*	0.0	0.9	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 49
Occupancy Rate..... 31
Ownership/Control..... Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 4
Percent of Physicians Board Certified Specialists..... 50
Medical Residents/Interns..... 0
Registered Nurses..... 15
Licensed Practical Nurses..... 1

SPECIALTY SERVICES:

Burn Unit..... No
Cardiac Intensive Care..... No
Comprehensive Geriatric..... No
Hospice Care..... No
Medical/Surgical Intensive Care..... No
Organ/Tissue Transplant..... No
Other Intensive Care..... No
Rehabilitation Unit..... No
Trauma Center..... No

** Not used in calculating hospital mortality rates.

EDWARDS COUNTY HOSPITAL

Medicare Provider Number: 170072

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	122	8.2	11.4	3.3	12.3	16.6	4.1	13.9	20.8	5.0
CONDITIONS:										
Acute Myocardial Infarction.....	3	33.3	29.4	*	33.3	33.2	*	33.3	37.5	*
Congestive Heart Failure.....	3	0.0	10.3	*	0.0	15.7	*	0.0	20.7	*
Pneumonia/Influenza.....	33	9.1	18.0	*	12.1	24.9	*	15.2	30.2	*
Chronic Obstructive Pulmonary Disease.....	0									
Transient Cerebral Ischemia.....	1	0.0	5.1	*	0.0	11.9	*	0.0	18.6	*
Stroke.....	2	0.0	16.2	*	0.0	21.4	*	0.0	25.6	*
Hip Fracture.....	1	0.0	5.1	*	0.0	10.1	*	0.0	13.9	*
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	3	0.0	0.5	*	0.0	1.1	*	0.0	1.6	*
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	122	13.1	11.3	3.4	14.8	16.4	3.7	18.0	20.9	4.7
CONDITIONS:										
Acute Myocardial Infarction.....	6	66.7	42.6	*	66.7	46.8	*	66.7	51.7	*
Congestive Heart Failure.....	7	14.3	12.5	*	14.3	20.2	*	14.3	26.9	*
Pneumonia/Influenza.....	18	5.6	16.4	*	5.6	22.7	*	11.1	27.8	*
Chronic Obstructive Pulmonary Disease.....	4	0.0	11.2	*	25.0	22.0	*	25.0	30.7	*
Transient Cerebral Ischemia.....	0									
Stroke.....	5	20.0	21.9	*	20.0	29.6	*	40.0	35.6	*
Hip Fracture.....	0									
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	2	0.0	1.5	*	0.0	2.9	*	0.0	3.8	*
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

ELLINWOOD DISTRICT HOSPITAL

605 North Main
Ellinwood, KS 67526

Medicare Provider Number: 170062

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	52	13.5	9.7	6.5	15.4	14.6	6.4	17.3	18.0	5.5
CONDITIONS:										
Acute Myocardial Infarction.....	1	0.0	19.4	*	0.0	22.2	*	0.0	25.6	*
Congestive Heart Failure.....	1	100.0	14.6	*	100.0	23.2	*	100.0	30.3	*
Pneumonia/Influenza.....	6	16.7	11.9	*	16.7	16.6	*	16.7	20.3	*
Chronic Obstructive Pulmonary Disease.....	1	0.0	2.6	*	0.0	5.1	*	0.0	7.5	*
Transient Cerebral Ischemia.....	2	0.0	2.7	*	0.0	6.2	*	0.0	10.1	*
Stroke.....	1	0.0	16.2	*	0.0	21.0	*	0.0	25.1	*
Hip Fracture.....	0									
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 24
Occupancy Rate..... 8
Ownership/Control..... Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 2
Percent of Physicians Board Certified Specialists..... 100
Medical Residents/Interns..... 0
Registered Nurses..... 4
Licensed Practical Nurses..... 1

SPECIALTY SERVICES:

Burn Unit..... No
Cardiac Intensive Care..... No
Comprehensive Geriatric..... No
Hospice Care..... No
Medical/Surgical Intensive Care..... No
Organ/Tissue Transplant..... No
Other Intensive Care..... No
Rehabilitation Unit..... No
Trauma Center..... No

** Not used in calculating hospital mortality rates.

ELLINWOOD DISTRICT HOSPITAL

Medicare Provider Number: 170062

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	62	19.4	10.4	5.8	25.8	15.5	7.3	30.6	19.7	8.7
CONDITIONS:										
Acute Myocardial Infarction.....	3	33.3	28.8	*	66.7	31.9	*	66.7	35.1	*
Congestive Heart Failure.....	1	0.0	19.6	*	100.0	28.1	*	100.0	36.1	*
Pneumonia/Influenza.....	10	30.0	16.0	*	30.0	22.3	*	50.0	27.1	*
Chronic Obstructive Pulmonary Disease.....	5	0.0	5.8	*	0.0	10.4	*	20.0	14.9	*
Transient Cerebral Ischemia.....	0									
Stroke.....	3	100.0	29.1	*	100.0	38.8	*	100.0	45.7	*
Hip Fracture.....	0									
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	1	0.0	0.2	*	0.0	0.3	*	0.0	0.5	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	61	8.2	8.8	4.2	11.5	13.0	4.4	13.1	16.3	5.3
CONDITIONS:										
Acute Myocardial Infarction.....	2	0.0	29.9	*	0.0	34.0	*	0.0	38.0	*
Congestive Heart Failure.....	2	0.0	10.6	*	0.0	15.3	*	0.0	20.0	*
Pneumonia/Influenza.....	10	10.0	13.3	*	10.0	18.7	*	10.0	23.3	*
Chronic Obstructive Pulmonary Disease.....	0									
Transient Cerebral Ischemia.....	1	0.0	1.9	*	0.0	4.4	*	0.0	7.3	*
Stroke.....	1	0.0	17.3	*	0.0	23.1	*	0.0	28.0	*
Hip Fracture.....	0									
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	1	0.0	1.4	*	0.0	2.4	*	0.0	3.1	*
Hysterectomy.....	1	0.0	0.4	*	0.0	0.6	*	0.0	0.8	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

ELLSWORTH COUNTY VETERANS HOSPITAL

300 Kingsley
Ellsworth, KS 67439

Medicare Provider Number: 170088

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	230	7.4	11.9	2.6	14.3	18.1	3.0	17.4	22.8	3.4
CONDITIONS:										
Acute Myocardial Infarction.....	3	33.3	32.5	*	33.3	35.3	*	33.3	38.7	*
Congestive Heart Failure.....	17	5.9	19.5	*	29.4	30.8	*	35.3	39.2	*
Pneumonia/Influenza.....	37	16.2	19.5	*	24.3	26.7	*	24.3	31.9	*
Chronic Obstructive Pulmonary Disease.....	2	0.0	9.1	*	0.0	15.5	*	0.0	20.6	*
Transient Cerebral Ischemia.....	2	0.0	2.0	*	0.0	4.0	*	0.0	6.0	*
Stroke.....	8	25.0	24.1	*	50.0	31.2	*	50.0	36.5	*
Hip Fracture.....	0									
Sepsis.....	4	0.0	25.7	*	0.0	33.4	*	0.0	38.7	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	4	0.0	1.1	*	0.0	2.6	*	0.0	4.6	*
Cholecystectomy.....	3	0.0	3.7	*	0.0	7.2	*	0.0	9.9	*
Hysterectomy.....	2	0.0	0.3	*	0.0	0.5	*	0.0	0.7	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 22
Occupancy Rate..... 55
Ownership/Control..... Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 3
Percent of Physicians Board Certified Specialists..... 100
Medical Residents/Interns..... 0
Registered Nurses..... 13
Licensed Practical Nurses..... 7

SPECIALTY SERVICES:

Burn Unit..... No
Cardiac Intensive Care..... No
Comprehensive Geriatric..... No
Hospice Care..... Yes
Medical/Surgical Intensive Care..... No
Organ/Tissue Transplant..... No
Other Intensive Care..... No
Rehabilitation Unit..... No
Trauma Center..... No

** Not used in calculating hospital mortality rates.

ELLSWORTH COUNTY VETERANS HOSPITAL

Medicare Provider Number: 170088

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	228	7.9	12.8	2.7	12.3	19.2	3.8	14.0	23.9	3.8
CONDITIONS:										
Acute Myocardial Infarction.....	2	0.0	38.2	*	0.0	41.7	*	0.0	45.1	*
Congestive Heart Failure.....	22	4.5	19.0	*	9.1	27.4	*	9.1	34.3	*
Pneumonia/Influenza.....	20	15.0	17.0	*	15.0	23.0	*	25.0	27.5	*
Chronic Obstructive Pulmonary Disease.....	2	0.0	10.2	*	0.0	16.4	*	0.0	22.0	*
Transient Cerebral Ischemia.....	3	0.0	1.8	*	0.0	4.3	*	0.0	6.9	*
Stroke.....	12	0.0	21.5	*	8.3	28.1	*	8.3	32.8	*
Hip Fracture.....	0									
Sepsis.....	9	11.1	22.3	*	11.1	30.9	*	11.1	37.5	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	5	0.0	0.5	*	0.0	1.0	*	0.0	1.6	*
Cholecystectomy.....	5	0.0	1.4	*	0.0	2.7	*	0.0	3.6	*
Hysterectomy.....	4	0.0	0.2	*	0.0	0.6	*	0.0	1.0	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	254	11.0	10.4	2.0	14.6	16.1	2.7	16.9	20.8	3.1
CONDITIONS:										
Acute Myocardial Infarction.....	10	20.0	27.3	*	30.0	31.7	*	30.0	35.9	*
Congestive Heart Failure.....	31	12.9	15.1	*	12.9	23.4	*	12.9	30.2	*
Pneumonia/Influenza.....	29	17.2	15.9	*	17.2	22.2	*	24.1	27.0	*
Chronic Obstructive Pulmonary Disease.....	2	0.0	13.1	*	0.0	26.9	*	0.0	37.9	*
Transient Cerebral Ischemia.....	9	0.0	1.8	*	0.0	3.9	*	0.0	6.4	*
Stroke.....	11	36.4	24.4	*	45.5	31.6	*	63.6	36.9	*
Hip Fracture.....	1	0.0	6.8	*	0.0	12.1	*	0.0	16.0	*
Sepsis.....	2	0.0	12.9	*	50.0	18.7	*	50.0	23.0	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	2	0.0	0.6	*	0.0	1.5	*	0.0	2.4	*
Cholecystectomy.....	3	0.0	2.0	*	0.0	3.8	*	0.0	5.6	*
Hysterectomy.....	5	0.0	0.6	*	0.0	1.2	*	0.0	1.7	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FREDONIA REGIONAL HOSPITAL

1527 Madison Box 579

Fredonia, KS 66736

Medicare Provider Number: 170018

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	228	10.5	11.3	2.1	17.5	16.3	2.5	20.6	20.3	2.8
CONDITIONS:										
Acute Myocardial Infarction.....	13	15.4	33.6	*	30.8	36.8	*	30.8	40.7	*
Congestive Heart Failure.....	10	20.0	20.4	*	40.0	27.7	*	50.0	34.6	*
Pneumonia/Influenza.....	16	6.3	16.4	*	25.0	22.7	*	31.3	27.5	*
Chronic Obstructive Pulmonary Disease.....	4	0.0	8.8	*	25.0	12.8	*	25.0	16.6	*
Transient Cerebral Ischemia.....	1	0.0	2.2	*	0.0	5.0	*	0.0	8.3	*
Stroke.....	13	15.4	22.0	*	15.4	29.1	*	15.4	33.7	*
Hip Fracture.....	2	0.0	3.6	*	0.0	7.5	*	0.0	10.7	*
Sepsis.....	4	25.0	26.2	*	75.0	32.0	*	75.0	37.8	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	2	0.0	3.1	*	0.0	6.8	*	0.0	9.9	*
Prostatectomy.....	2	0.0	0.5	*	0.0	1.3	*	50.0	2.2	*
Cholecystectomy.....	7	0.0	2.4	*	0.0	4.0	*	0.0	5.1	*
Hysterectomy.....	4	0.0	0.2	*	0.0	0.6	*	0.0	1.1	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1988

Total Beds..... 42
 Occupancy Rate..... 26
 Ownership/Control..... Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 4
 Percent of Physicians Board Certified Specialists..... 100
 Medical Residents/Interns..... 0
 Registered Nurses..... 14
 Licensed Practical Nurses..... 4

SPECIALTY SERVICES:

Burn Unit..... No
 Cardiac Intensive Care..... No
 Comprehensive Geriatric..... No
 Hospice Care..... No
 Medical/Surgical Intensive Care..... No
 Organ/Tissue Transplant..... No
 Other Intensive Care..... No
 Rehabilitation Unit..... No
 Trauma Center..... No

** Not used in calculating hospital mortality rates.

FREDONIA REGIONAL HOSPITAL

Medicare Provider Number: 170018

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	224	16.5	10.4	2.7	21.0	15.1	3.0	25.4	18.8	3.5
CONDITIONS:										
Acute Myocardial Infarction.....	11	27.3	25.6	*	27.3	28.9	*	27.3	32.9	*
Congestive Heart Failure.....	6	50.0	18.7	*	50.0	28.1	*	50.0	35.7	*
Pneumonia/Influenza.....	16	31.3	14.9	*	37.5	20.3	*	43.8	24.3	*
Chronic Obstructive Pulmonary Disease.....	3	33.3	8.5	*	33.3	14.1	*	33.3	19.4	*
Transient Cerebral Ischemia.....	3	0.0	1.8	*	0.0	3.9	*	0.0	6.1	*
Stroke.....	9	33.3	20.2	*	33.3	27.1	*	33.3	32.0	*
Hip Fracture.....	6	0.0	2.4	*	0.0	4.8	*	0.0	6.5	*
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	6	0.0	2.1	*	0.0	4.3	*	0.0	6.0	*
Prostatectomy.....	2	0.0	0.8	*	0.0	2.0	*	0.0	3.7	*
Cholecystectomy.....	9	0.0	0.8	*	0.0	1.5	*	0.0	2.0	*
Hysterectomy.....	3	0.0	0.2	*	0.0	0.3	*	0.0	0.4	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	221	10.0	10.7	2.5	14.5	15.5	3.4	17.6	19.3	3.2
CONDITIONS:										
Acute Myocardial Infarction.....	13	23.1	28.9	*	23.1	32.7	*	30.8	37.0	*
Congestive Heart Failure.....	7	28.6	12.1	*	28.6	17.8	*	28.6	23.2	*
Pneumonia/Influenza.....	11	0.0	13.6	*	0.0	18.6	*	9.1	23.1	*
Chronic Obstructive Pulmonary Disease.....	2	0.0	8.7	*	0.0	15.5	*	0.0	21.0	*
Transient Cerebral Ischemia.....	7	14.3	2.0	*	28.6	4.5	*	28.6	7.3	*
Stroke.....	9	22.2	18.3	*	33.3	24.7	*	44.4	29.6	*
Hip Fracture.....	7	0.0	4.2	*	0.0	8.1	*	0.0	10.9	*
Sepsis.....	1	0.0	28.5	*	0.0	33.7	*	0.0	39.9	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	5	0.0	4.1	*	0.0	8.3	*	0.0	11.5	*
Prostatectomy.....	0									
Cholecystectomy.....	10	0.0	1.8	*	0.0	3.4	*	10.0	4.5	*
Hysterectomy.....	2	0.0	1.3	*	0.0	3.0	*	0.0	4.6	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

GEARY COMMUNITY HOSPITAL

1102 Saint Mary's Rd
Junction City, KS 66441

Medicare Provider Number: 170074

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	435	9.4	9.8	1.6	15.9	14.7	2.2	18.9	18.6	1.9
CONDITIONS:										
Acute Myocardial Infarction.....	19	21.1	26.4	*	21.1	30.4	*	31.6	34.3	*
Congestive Heart Failure.....	23	17.4	15.0	*	39.1	23.5	*	39.1	30.7	*
Pneumonia/Influenza.....	27	11.1	19.4	*	14.8	26.9	*	22.2	31.9	*
Chronic Obstructive Pulmonary Disease.....	4	0.0	8.3	*	0.0	12.3	*	0.0	16.0	*
Transient Cerebral Ischemia.....	9	11.1	2.8	*	11.1	6.7	*	11.1	10.9	*
Stroke.....	12	25.0	19.7	*	25.0	25.6	*	25.0	29.8	*
Hip Fracture.....	13	15.4	8.4	*	23.1	15.1	*	30.8	19.3	*
Sepsis.....	15	20.0	27.1	*	33.3	35.4	*	33.3	41.2	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	7	0.0	1.6	*	0.0	3.2	*	0.0	4.7	*
Hip Replacement/Reconstruction.....	6	16.7	2.7	*	16.7	5.1	*	16.7	7.0	*
Open Reduction of Hip Fracture.....	7	0.0	7.1	*	0.0	13.3	*	14.3	17.4	*
Prostatectomy.....	16	0.0	2.2	*	0.0	3.8	*	0.0	5.5	*
Cholecystectomy.....	5	0.0	3.7	*	0.0	5.8	*	0.0	6.8	*
Hysterectomy.....	4	0.0	6.1	*	25.0	11.5	*	50.0	14.2	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 58
Occupancy Rate..... 44
Ownership/Control..... Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 11
Percent of Physicians Board Certified Specialists..... 64
Medical Residents/Interns..... 0
Registered Nurses..... 51
Licensed Practical Nurses..... 21

SPECIALTY SERVICES:

Burn Unit..... No
Cardiac Intensive Care..... No
Comprehensive Geriatric..... No
Hospice Care..... No
Medical/Surgical Intensive Care..... Yes
Organ/Tissue Transplant..... No
Other Intensive Care..... No
Rehabilitation Unit..... No
Trauma Center..... No

** Not used in calculating hospital mortality rates.

GEARY COMMUNITY HOSPITAL

Medicare Provider Number: 170074

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	382	11.0	10.5	1.8	14.9	15.6	1.9	17.8	19.6	2.4
CONDITIONS:										
Acute Myocardial Infarction.....	13	23.1	29.0	*	30.8	32.3	*	30.8	36.2	*
Congestive Heart Failure.....	26	11.5	14.9	*	15.4	23.1	*	23.1	29.9	*
Pneumonia/Influenza.....	19	31.6	19.6	*	36.8	26.9	*	47.4	32.1	*
Chronic Obstructive Pulmonary Disease.....	4	25.0	7.3	*	25.0	12.4	*	25.0	17.2	*
Transient Cerebral Ischemia.....	3	0.0	2.0	*	0.0	4.3	*	0.0	6.7	*
Stroke.....	15	20.0	22.2	*	26.7	30.1	*	26.7	35.1	*
Hip Fracture.....	2	0.0	7.0	*	0.0	14.7	*	0.0	20.5	*
Sepsis.....	10	50.0	30.4	*	50.0	40.2	*	60.0	47.6	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	5	20.0	1.1	*	20.0	1.9	*	20.0	2.6	*
Hip Replacement/Reconstruction.....	1	0.0	9.7	*	0.0	22.3	*	0.0	32.3	*
Open Reduction of Hip Fracture.....	1	0.0	2.9	*	0.0	5.4	*	0.0	7.3	*
Prostatectomy.....	2	0.0	0.3	*	0.0	0.7	*	0.0	1.2	*
Cholecystectomy.....	8	0.0	1.4	*	12.5	2.8	*	12.5	4.0	*
Hysterectomy.....	1	0.0	0.5	*	0.0	0.9	*	0.0	1.1	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	409	10.0	10.2	2.0	14.2	15.3	2.1	18.1	19.4	2.5
CONDITIONS:										
Acute Myocardial Infarction.....	18	33.3	29.6	*	38.9	32.5	*	44.4	36.1	*
Congestive Heart Failure.....	23	21.7	17.4	*	30.4	26.3	*	30.4	33.4	*
Pneumonia/Influenza.....	39	23.1	18.4	*	25.6	24.8	*	28.2	30.0	*
Chronic Obstructive Pulmonary Disease.....	4	0.0	9.0	*	0.0	16.6	*	0.0	23.7	*
Transient Cerebral Ischemia.....	6	0.0	2.8	*	0.0	6.1	*	16.7	9.8	*
Stroke.....	16	18.8	21.8	*	25.0	29.1	*	31.3	34.1	*
Hip Fracture.....	0									
Sepsis.....	11	27.3	28.3	*	27.3	40.1	*	45.5	47.5	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	7	0.0	1.8	*	14.3	3.5	*	14.3	5.1	*
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	12	0.0	1.7	*	0.0	4.1	*	8.3	7.1	*
Cholecystectomy.....	6	0.0	1.6	*	0.0	2.6	*	0.0	3.2	*
Hysterectomy.....	7	0.0	0.7	*	0.0	1.6	*	0.0	2.4	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

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GEARY COMMUNITY HOSPITAL

1102 St. Mary's Road
P.O. Box 490
Junction City, Kansas 66441
(913) 238-4131



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Medicare Hospital Mortality Information comments from Geary Community Hospital

In reviewing the 107 deaths on Geary Community Hospital's report, 64 of these occurred outside the hospital. Because of that, we have no information as to the cause of those deaths, therefore, they may or may not be related to a hospital admission. (i.e. They may have been involved in an automobile accident.)

In reviewing the data, there was no situation in which results were statistically significant. This would indicate in Geary Community Hospital's situation that the findings are not necessarily a good indication of quality or lack of quality.

Jean Garten
Jean Garten
Administrator

Vera Williams
Vera Williams, A.R.T.
Director of Medical Records

JEAN GARTEN
Administrator

GOVE COUNTY HOSPITAL

5th & Garfield
Quinter, KS 67752

Medicare Provider Number: 170080

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	123	9.8	9.0	2.8	13.0	13.3	3.7	13.8	16.8	4.9
CONDITIONS:										
Acute Myocardial Infarction.....	8	50.0	28.9	*	50.0	33.3	*	50.0	37.8	*
Congestive Heart Failure.....	6	33.3	13.8	*	33.3	20.9	*	33.3	27.4	*
Pneumonia/Influenza.....	15	13.3	12.3	*	20.0	16.9	*	20.0	20.7	*
Chronic Obstructive Pulmonary Disease.....	4	0.0	8.0	*	0.0	13.6	*	0.0	18.7	*
Transient Cerebral Ischemia.....	3	0.0	2.1	*	0.0	4.4	*	0.0	7.1	*
Stroke.....	2	0.0	32.7	*	0.0	42.5	*	0.0	48.1	*
Hip Fracture.....	0									
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: Health Care Financing Administration (OSCAR) - 1990

Total Beds..... 21
Ownership/Control..... Local Government

STAFFING:

Medical Residents/Interns..... 0
Registered Nurses..... 7
Licensed Practical Nurses..... 2

SPECIALTY SERVICES:

Burn Unit..... No
Coronary Care Unit..... Yes
Hospice..... No
Intensive Care Unit..... No
Organ Transplant..... No
Rehabilitation..... No
Shock Trauma..... No

** Not used in calculating hospital mortality rates.

GOVE COUNTY HOSPITAL
Medicare Provider Number: 170080

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	122	4.1	10.0	3.9	5.7	14.7	4.7	11.5	18.7	4.5
CONDITIONS:										
Acute Myocardial Infarction.....	9	0.0	30.3	*	0.0	33.1	*	22.2	36.2	*
Congestive Heart Failure.....	9	0.0	11.3	*	0.0	17.4	*	11.1	23.1	*
Pneumonia/Influenza.....	11	9.1	20.5	*	18.2	28.9	*	27.3	33.9	*
Chronic Obstructive Pulmonary Disease.....	2	0.0	8.9	*	0.0	13.5	*	0.0	17.1	*
Transient Cerebral Ischemia.....	1	0.0	1.4	*	0.0	3.0	*	0.0	4.7	*
Stroke.....	4	0.0	16.3	*	25.0	23.1	*	25.0	27.6	*
Hip Fracture.....	0									
Sepsis.....	1	100.0	18.1	*	100.0	24.7	*	100.0	30.3	*
PROCEDURE:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	2	0.0	0.8	*	0.0	1.4	*	0.0	1.9	*
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	124	11.3	11.1	2.8	14.5	15.4	3.3	18.5	18.8	3.8
CONDITIONS:										
Acute Myocardial Infarction.....	9	22.2	33.5	*	33.3	37.5	*	33.3	41.3	*
Congestive Heart Failure.....	6	0.0	17.6	*	33.3	26.0	*	66.7	33.1	*
Pneumonia/Influenza.....	12	16.7	16.7	*	16.7	23.1	*	16.7	28.4	*
Chronic Obstructive Pulmonary Disease.....	3	66.7	4.7	*	66.7	8.6	*	100.0	12.0	*
Transient Cerebral Ischemia.....	1	0.0	3.7	*	0.0	8.0	*	0.0	12.8	*
Stroke.....	4	50.0	23.3	*	50.0	32.2	*	50.0	37.2	*
Hip Fracture.....	0									
Sepsis.....	2	0.0	21.4	*	0.0	26.8	*	0.0	31.1	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	2	0.0	0.5	*	0.0	0.8	*	0.0	1.1	*
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

GRAHAM COUNTY HOSPITAL

304 W Prout St
Hill City, KS 67642

Medicare Provider Number: 170031

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	193	5.7	7.9	2.1	8.8	12.2	2.8	9.8	15.8	3.6
CONDITIONS:										
Acute Myocardial Infarction.....	4	75.0	22.3	*	75.0	25.0	*	75.0	28.3	*
Congestive Heart Failure.....	21	0.0	15.0	*	9.5	24.0	*	9.5	31.5	*
Pneumonia/Influenza.....	32	9.4	16.2	*	15.6	22.3	*	18.8	26.9	*
Chronic Obstructive Pulmonary Disease.....	9	0.0	11.1	*	0.0	17.0	*	0.0	22.1	*
Transient Cerebral Ischemia.....	3	0.0	2.0	*	0.0	4.7	*	0.0	7.8	*
Stroke.....	0									
Hip Fracture.....	0									
Sepsis.....	2	0.0	23.1	*	0.0	29.4	*	0.0	34.3	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	5	0.0	1.7	*	0.0	3.3	*	0.0	4.5	*
Hysterectomy.....	4	0.0	0.8	*	0.0	1.3	*	0.0	1.7	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 42
Occupancy Rate..... 33
Ownership/Control..... Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 2
Percent of Physicians Board Certified Specialists..... 100
Medical Residents/Interns..... 0
Registered Nurses..... 12
Licensed Practical Nurses..... 2

SPECIALTY SERVICES:

Burn Unit..... No
Cardiac Intensive Care..... No
Comprehensive Geriatric..... No
Hospice Care..... No
Medical/Surgical Intensive Care..... No
Organ/Tissue Transplant..... No
Other Intensive Care..... No
Rehabilitation Unit..... No
Trauma Center..... No

** Not used in calculating hospital mortality rates.

GRAHAM COUNTY HOSPITAL

Medicare Provider Number: 170031

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	222	5.0	9.0	2.7	8.6	13.7	3.4	11.7	17.6	3.9
CONDITIONS:										
Acute Myocardial Infarction.....	6	0.0	29.2	*	0.0	31.8	*	0.0	34.9	*
Congestive Heart Failure.....	20	10.0	15.8	*	15.0	24.8	*	25.0	32.1	*
Pneumonia/Influenza.....	19	15.8	25.5	*	26.3	34.7	*	26.3	40.4	*
Chronic Obstructive Pulmonary Disease.....	7	0.0	9.2	*	0.0	14.2	*	14.3	18.7	*
Transient Cerebral Ischemia.....	3	0.0	2.9	*	0.0	7.7	*	0.0	13.3	*
Stroke.....	3	33.3	19.5	*	66.7	26.6	*	66.7	31.6	*
Hip Fracture.....	0									
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	7	0.0	1.4	*	0.0	2.4	*	0.0	3.2	*
Hysterectomy.....	1	0.0	0.2	*	0.0	0.3	*	0.0	0.4	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	210	9.0	9.1	2.0	11.0	13.7	2.7	13.3	17.6	3.2
CONDITIONS:										
Acute Myocardial Infarction.....	1	0.0	13.9	*	0.0	15.8	*	0.0	18.2	*
Congestive Heart Failure.....	16	18.8	14.1	*	18.8	22.2	*	25.0	29.3	*
Pneumonia/Influenza.....	21	14.3	16.0	*	19.0	21.8	*	23.8	26.1	*
Chronic Obstructive Pulmonary Disease.....	3	0.0	5.8	*	0.0	9.4	*	0.0	13.6	*
Transient Cerebral Ischemia.....	7	0.0	2.1	*	0.0	4.8	*	0.0	7.8	*
Stroke.....	2	0.0	19.8	*	0.0	26.1	*	0.0	30.8	*
Hip Fracture.....	0									
Sepsis.....	1	100.0	30.5	*	100.0	52.2	*	100.0	63.1	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	4	25.0	4.1	*	25.0	6.2	*	25.0	7.4	*
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

GREELEY COUNTY HOSPITAL

506 Third
Tribune, KS 67879

Medicare Provider Number: 170082

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	49	10.2	8.5	*	14.3	12.6	*	16.3	16.1	*
CONDITIONS:										
Acute Myocardial Infarction.....	4	25.0	28.6	*	25.0	31.2	*	25.0	34.0	*
Congestive Heart Failure.....	2	0.0	11.1	*	50.0	18.9	*	50.0	25.6	*
Pneumonia/Influenza.....	1	0.0	10.4	*	0.0	15.1	*	0.0	18.7	*
Chronic Obstructive Pulmonary Disease.....	3	0.0	3.6	*	0.0	6.7	*	0.0	9.5	*
Transient Cerebral Ischemia.....	1	0.0	1.6	*	0.0	3.7	*	0.0	6.1	*
Stroke.....	2	0.0	13.6	*	50.0	17.8	*	50.0	21.4	*
Hip Fracture.....	0									
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	1	0.0	0.5	*	0.0	0.8	*	0.0	1.2	*
Hysterectomy.....	1	0.0	0.5	*	0.0	0.9	*	0.0	1.3	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1988

Total Beds..... 18
Occupancy Rate..... 17
Ownership/Control..... Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 4
Percent of Physicians Board Certified Specialists..... (Not Available)
Medical Residents/Interns..... 0
Registered Nurses..... 4
Licensed Practical Nurses..... 0

SPECIALTY SERVICES:

Burn Unit..... No
Cardiac Intensive Care..... No
Comprehensive Geriatric..... No
Hospice Care..... No
Medical/Surgical Intensive Care..... No
Organ/Tissue Transplant..... No
Other Intensive Care..... No
Rehabilitation Unit..... No
Trauma Center..... No

** Not used in calculating hospital mortality rates.

GREELEY COUNTY HOSPITAL

Medicare Provider Number: 170082

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	54	11.1	7.5	3.9	11.1	11.5	4.4	13.0	15.0	4.9
CONDITIONS:										
Acute Myocardial Infarction.....	2	100.0	21.2	*	100.0	23.5	*	100.0	26.3	*
Congestive Heart Failure.....	0									
Pneumonia/Influenza.....	6	0.0	16.3	*	0.0	23.7	*	0.0	29.3	*
Chronic Obstructive Pulmonary Disease.....	0									
Transient Cerebral Ischemia.....	3	33.3	1.8	*	33.3	3.6	*	33.3	5.6	*
Stroke.....	2	50.0	21.0	*	50.0	30.9	*	50.0	38.4	*
Hip Fracture.....	0									
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	1	0.0	0.1	*	0.0	0.1	*	0.0	0.2	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	74	4.1	6.1	3.7	6.8	9.4	5.0	8.1	12.2	5.4
CONDITIONS:										
Acute Myocardial Infarction.....	2	50.0	29.5	*	50.0	33.1	*	50.0	37.2	*
Congestive Heart Failure.....	3	0.0	11.7	*	33.3	19.0	*	33.3	25.1	*
Pneumonia/Influenza.....	16	0.0	13.3	*	0.0	19.3	*	0.0	23.9	*
Chronic Obstructive Pulmonary Disease.....	0									
Transient Cerebral Ischemia.....	2	0.0	1.3	*	0.0	2.9	*	0.0	4.6	*
Stroke.....	0									
Hip Fracture.....	0									
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	3	0.0	0.3	*	0.0	0.6	*	0.0	0.9	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

GREENWOOD COUNTY HOSPITAL

100 W 16 St
Eureka, KS 67045

Medicare Provider Number: 170032

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	373	7.8	10.4	3.6	13.4	15.8	3.9	15.0	19.9	4.3
CONDITIONS:										
Acute Myocardial Infarction.....	5	40.0	22.0	*	40.0	26.0	*	40.0	29.6	*
Congestive Heart Failure.....	13	23.1	20.5	*	53.8	31.6	*	53.8	40.1	*
Pneumonia/Influenza.....	46	17.4	17.3	*	19.6	23.1	*	23.9	27.1	*
Chronic Obstructive Pulmonary Disease.....	5	0.0	11.0	*	0.0	19.4	*	0.0	25.4	*
Transient Cerebral Ischemia.....	4	0.0	3.8	*	0.0	8.2	*	0.0	13.2	*
Stroke.....	17	17.6	19.5	*	29.4	26.7	*	35.3	31.3	*
Hip Fracture.....	7	14.3	7.6	*	14.3	13.6	*	14.3	17.5	*
Sepsis.....	8	25.0	21.5	*	25.0	27.9	*	37.5	33.1	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	5	0.0	6.3	*	0.0	11.8	*	0.0	15.5	*
Prostatectomy.....	0									
Cholecystectomy.....	15	0.0	2.4	*	6.7	4.0	*	6.7	4.9	*
Hysterectomy.....	4	0.0	1.0	*	0.0	2.2	*	0.0	3.4	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 46
Occupancy Rate..... 41
Ownership/Control..... Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 4
Percent of Physicians Board Certified Specialists..... 50
Medical Residents/Interns..... 0
Registered Nurses..... 14
Licensed Practical Nurses..... 3

SPECIALTY SERVICES:

Burn Unit..... No
Cardiac Intensive Care..... No
Comprehensive Geriatric..... No
Hospice Care..... No
Medical/Surgical Intensive Care..... No
Organ/Tissue Transplant..... No
Other Intensive Care..... No
Rehabilitation Unit..... No
Trauma Center..... No

** Not used in calculating hospital mortality rates.

GREENWOOD COUNTY HOSPITAL

Medicare Provider Number: 170032

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	353	10.2	11.2	1.8	14.4	17.0	2.5	17.6	21.5	3.0
CONDITIONS:										
Acute Myocardial Infarction.....	12	58.3	35.8	*	58.3	39.9	*	58.3	43.3	*
Congestive Heart Failure.....	22	22.7	15.1	*	36.4	23.6	*	45.5	30.6	*
Pneumonia/Influenza.....	45	8.9	14.2	*	13.3	19.2	*	15.6	23.2	*
Chronic Obstructive Pulmonary Disease.....	0									
Transient Cerebral Ischemia.....	4	0.0	1.4	*	0.0	3.0	*	0.0	4.7	*
Stroke.....	10	30.0	25.8	*	30.0	32.9	*	30.0	37.6	*
Hip Fracture.....	4	25.0	7.9	*	25.0	14.9	*	25.0	19.8	*
Sepsis.....	6	33.3	25.7	*	33.3	34.5	*	50.0	40.4	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	4	25.0	6.8	*	25.0	13.5	*	25.0	18.4	*
Prostatectomy.....	0									
Cholecystectomy.....	6	0.0	7.1	*	0.0	13.5	*	0.0	17.4	*
Hysterectomy.....	5	0.0	1.2	*	0.0	2.9	*	0.0	4.8	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	423	7.6	10.3	1.7	9.9	15.6	2.2	13.0	19.8	2.5
CONDITIONS:										
Acute Myocardial Infarction.....	12	41.7	29.4	*	41.7	33.2	*	41.7	36.8	*
Congestive Heart Failure.....	22	9.1	16.2	*	13.6	24.4	*	22.7	31.4	*
Pneumonia/Influenza.....	59	6.8	17.0	5.8	8.5	23.0	7.3	8.5	27.8	8.3
Chronic Obstructive Pulmonary Disease.....	3	0.0	6.1	*	0.0	11.8	*	33.3	17.2	*
Transient Cerebral Ischemia.....	7	0.0	2.2	*	0.0	5.2	*	14.3	8.5	*
Stroke.....	18	11.1	20.4	*	16.7	29.3	*	27.8	34.6	*
Hip Fracture.....	7	14.3	8.1	*	14.3	14.8	*	14.3	19.2	*
Sepsis.....	5	20.0	25.7	*	20.0	33.3	*	20.0	38.9	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	6	16.7	7.7	*	16.7	14.7	*	16.7	19.4	*
Prostatectomy.....	0									
Cholecystectomy.....	5	0.0	3.5	*	0.0	6.4	*	0.0	7.8	*
Hysterectomy.....	4	0.0	0.2	*	0.0	0.3	*	0.0	0.5	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

GRISELL MEMORIAL HOSPITAL330 Vermont P O Box 268
Ransom, KS 67572

Medicare Provider Number: 170121

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	41	9.8	7.3	*	19.5	11.2	*	19.5	14.6	*
CONDITIONS:										
Acute Myocardial Infarction.....	1	0.0	19.4	*	0.0	20.9	*	0.0	23.1	*
Congestive Heart Failure.....	1	0.0	10.3	*	100.0	14.7	*	100.0	19.4	*
Pneumonia/Influenza.....	2	50.0	20.1	*	50.0	29.2	*	50.0	35.2	*
Chronic Obstructive Pulmonary Disease.....	0									
Transient Cerebral Ischemia.....	2	0.0	1.3	*	0.0	3.0	*	0.0	4.9	*
Stroke.....	0									
Hip Fracture.....	0									
Sepsis.....	1	0.0	25.2	*	0.0	29.8	*	0.0	35.6	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1988

Total Beds..... 51
Occupancy Rate..... 69
Ownership/Control..... District/Authority

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 3
Percent of Physicians Board Certified Specialists..... 33
Medical Residents/Interns..... 0
Registered Nurses..... 4
Licensed Practical Nurses..... 0

SPECIALTY SERVICES:

Burn Unit..... No
Cardiac Intensive Care..... No
Comprehensive Geriatric..... No
Hospice Care..... No
Medical/Surgical Intensive Care..... No
Organ/Tissue Transplant..... No
Other Intensive Care..... No
Rehabilitation Unit..... No
Trauma Center..... No

** Not used in calculating hospital mortality rates.

GRISELL MEMORIAL HOSPITAL

Medicare Provider Number: 170121

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	52	9.6	9.6	8.4	17.3	13.1	8.6	19.2	15.9	8.1
CONDITIONS:										
Acute Myocardial Infarction.....	3	66.7	34.3	*	66.7	38.7	*	66.7	43.0	*
Congestive Heart Failure.....	4	25.0	14.5	*	25.0	22.8	*	25.0	29.9	*
Pneumonia/Influenza.....	2	0.0	12.1	*	0.0	16.8	*	0.0	20.9	*
Chronic Obstructive Pulmonary Disease.....	2	0.0	4.1	*	50.0	7.9	*	50.0	11.3	*
Transient Cerebral Ischemia.....	1	0.0	3.3	*	0.0	7.1	*	100.0	11.2	*
Stroke.....	1	0.0	23.3	*	0.0	29.9	*	0.0	35.2	*
Hip Fracture.....	0									
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	54	7.4	6.2	3.6	9.3	9.6	4.0	13.0	12.7	4.5
CONDITIONS:										
Acute Myocardial Infarction.....	1	0.0	25.0	*	0.0	27.5	*	0.0	30.4	*
Congestive Heart Failure.....	4	50.0	16.4	*	75.0	25.3	*	75.0	32.4	*
Pneumonia/Influenza.....	1	0.0	18.8	*	0.0	25.5	*	0.0	31.0	*
Chronic Obstructive Pulmonary Disease.....	2	0.0	7.2	*	0.0	15.4	*	0.0	22.7	*
Transient Cerebral Ischemia.....	0									
Stroke.....	1	100.0	24.7	*	100.0	30.9	*	100.0	36.3	*
Hip Fracture.....	0									
Sepsis.....	1	0.0	29.4	*	0.0	35.4	*	0.0	42.3	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HADLEY REGIONAL MEDICAL CENTER

201 E 7th St
Hays, KS 67601

Medicare Provider Number: 170013

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	746	7.5	9.5	1.5	12.3	14.5	2.0	16.0	18.5	2.0
CONDITIONS:										
Acute Myocardial Infarction.....	13	46.2	24.7	*	61.5	28.2	*	69.2	31.6	*
Congestive Heart Failure.....	23	17.4	16.5	*	26.1	25.6	*	30.4	33.1	*
Pneumonia/Influenza.....	50	12.0	19.6	*	18.0	26.6	*	24.0	32.0	*
Chronic Obstructive Pulmonary Disease.....	12	0.0	8.8	*	16.7	15.8	*	25.0	21.7	*
Transient Cerebral Ischemia.....	14	0.0	2.1	*	0.0	4.7	*	14.3	7.5	*
Stroke.....	21	23.8	24.1	*	33.3	30.8	*	38.1	35.5	*
Hip Fracture.....	29	6.9	9.5	*	6.9	16.7	*	13.8	21.2	*
Sepsis.....	6	33.3	23.6	*	50.0	31.6	*	50.0	37.4	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	8	12.5	3.7	*	12.5	6.0	*	25.0	7.9	*
Carotid Endarterectomy.....	4	0.0	1.3	*	0.0	2.2	*	0.0	3.2	*
Hip Replacement/Reconstruction.....	15	0.0	5.9	*	0.0	11.1	*	6.7	14.6	*
Open Reduction of Hip Fracture.....	7	14.3	7.5	*	14.3	13.6	*	28.6	17.3	*
Prostatectomy.....	61	1.6	0.7	1.5	1.6	1.8	2.4	3.3	3.0	2.7
Cholecystectomy.....	14	0.0	3.3	*	0.0	6.0	*	0.0	7.9	*
Hysterectomy.....	6	0.0	2.7	*	16.7	5.7	*	16.7	8.5	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 125
Occupancy Rate..... 47
Ownership/Control..... Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 50
Percent of Physicians Board Certified Specialists..... 70
Medical Residents/Interns..... 0
Registered Nurses..... 90
Licensed Practical Nurses..... 28

SPECIALTY SERVICES:

Burn Unit..... No
Cardiac Intensive Care..... No
Comprehensive Geriatric..... No
Hospice Care..... No
Medical/Surgical Intensive Care..... Yes
Organ/Tissue Transplant..... No
Other Intensive Care..... No
Rehabilitation Unit..... Yes
Trauma Center..... No

** Not used in calculating hospital mortality rates.

HADLEY REGIONAL MEDICAL CENTER

Medicare Provider Number: 170013

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	790	6.7	8.2	1.2	10.3	13.1	1.6	13.0	16.9	2.0
CONDITIONS:										
Acute Myocardial Infarction.....	15	33.3	28.3	*	33.3	32.2	*	33.3	36.0	*
Congestive Heart Failure.....	40	22.5	19.0	*	32.5	28.6	*	42.5	35.8	*
Pneumonia/Influenza.....	28	7.1	17.4	*	10.7	23.2	*	14.3	27.9	*
Chronic Obstructive Pulmonary Disease.....	4	0.0	3.4	*	0.0	6.7	*	25.0	9.7	*
Transient Cerebral Ischemia.....	17	0.0	2.2	*	0.0	5.0	*	0.0	8.1	*
Stroke.....	22	13.6	23.2	*	22.7	30.1	*	27.3	34.9	*
Hip Fracture.....	51	3.9	8.6	4.8	5.9	15.0	7.1	7.8	18.8	8.4
Sepsis.....	3	33.3	41.1	*	33.3	48.2	*	33.3	54.5	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	6	0.0	7.1	*	0.0	15.4	*	0.0	22.9	*
Carotid Endarterectomy.....	5	0.0	2.3	*	0.0	4.6	*	0.0	6.7	*
Hip Replacement/Reconstruction.....	20	0.0	5.6	*	0.0	10.2	*	0.0	13.0	*
Open Reduction of Hip Fracture.....	13	7.7	6.4	*	7.7	11.5	*	7.7	14.8	*
Prostatectomy.....	71	1.4	1.1	1.3	2.8	2.6	1.9	4.2	4.4	2.5
Cholecystectomy.....	18	5.6	4.2	*	11.1	7.3	*	11.1	9.4	*
Hysterectomy.....	7	0.0	0.2	*	0.0	0.4	*	0.0	0.6	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	805	5.8	8.1	1.3	8.0	12.8	1.7	11.6	16.6	1.7
CONDITIONS:										
Acute Myocardial Infarction.....	16	37.5	30.8	*	37.5	34.9	*	43.8	38.7	*
Congestive Heart Failure.....	26	7.7	14.0	*	11.5	21.4	*	19.2	28.0	*
Pneumonia/Influenza.....	26	11.5	17.2	*	15.4	23.7	*	19.2	28.8	*
Chronic Obstructive Pulmonary Disease.....	7	0.0	8.9	*	0.0	16.8	*	14.3	23.3	*
Transient Cerebral Ischemia.....	14	0.0	1.5	*	0.0	3.3	*	0.0	5.3	*
Stroke.....	29	6.9	18.4	*	13.8	25.0	*	17.2	29.6	*
Hip Fracture.....	39	5.1	9.6	*	7.7	16.5	*	12.8	20.8	*
Sepsis.....	1	100.0	37.3	*	100.0	43.4	*	100.0	50.2	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	6	0.0	4.4	*	0.0	9.0	*	0.0	13.3	*
Carotid Endarterectomy.....	5	0.0	1.6	*	0.0	2.8	*	20.0	3.9	*
Hip Replacement/Reconstruction.....	16	6.3	6.7	*	6.3	12.1	*	12.5	16.2	*
Open Reduction of Hip Fracture.....	16	0.0	10.6	*	0.0	19.2	*	6.3	24.2	*
Prostatectomy.....	65	0.0	1.1	1.6	1.5	2.8	2.4	3.1	4.7	3.5
Cholecystectomy.....	15	0.0	2.0	*	0.0	3.6	*	0.0	4.7	*
Hysterectomy.....	13	0.0	0.5	*	0.0	1.0	*	0.0	1.6	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HALSTEAD HOSPITAL

328 Poplar St
Halstead, KS 67056

Medicare Provider Number: 170144

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,266	6.1	5.1	0.8	9.1	8.3	0.9	11.0	11.0	0.9
CONDITIONS:										
Acute Myocardial Infarction.....	16	25.0	23.1	*	37.5	26.7	*	37.5	30.3	*
Congestive Heart Failure.....	22	22.7	11.4	*	36.4	18.6	*	40.9	24.9	*
Pneumonia/Influenza.....	30	20.0	14.8	*	23.3	21.2	*	23.3	26.1	*
Chronic Obstructive Pulmonary Disease.....	13	7.7	5.1	*	15.4	10.9	*	15.4	16.4	*
Transient Cerebral Ischemia.....	10	10.0	1.6	*	10.0	3.3	*	10.0	5.1	*
Stroke.....	21	9.5	16.2	*	9.5	21.5	*	14.3	25.5	*
Hip Fracture.....	14	7.1	4.7	*	7.1	8.8	*	14.3	11.6	*
Sepsis.....	4	25.0	12.6	*	25.0	16.4	*	25.0	20.2	*
PROCEDURES:										
Angioplasty.....	1	0.0	0.9	*	0.0	1.4	*	0.0	1.9	*
Coronary Artery Bypass Graft.....	13	0.0	4.4	*	0.0	5.8	*	0.0	6.9	*
Initial Pacemaker Insertion.....	14	0.0	3.0	*	0.0	6.2	*	0.0	9.1	*
Carotid Endarterectomy.....	25	0.0	1.4	*	0.0	2.8	*	0.0	4.0	*
Hip Replacement/Reconstruction.....	55	1.8	1.5	1.7	3.6	2.7	2.4	3.6	3.7	2.5
Open Reduction of Hip Fracture.....	4	0.0	3.4	*	0.0	6.7	*	0.0	9.2	*
Prostatectomy.....	73	0.0	0.4	1.0	2.7	1.1	1.8	2.7	1.9	2.0
Cholecystectomy.....	32	0.0	1.4	*	0.0	2.6	*	3.1	3.6	*
Hysterectomy.....	18	0.0	0.5	*	0.0	1.3	*	5.6	2.1	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 152
Occupancy Rate..... 54
Ownership/Control..... Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 34
Percent of Physicians Board Certified Specialists..... 65
Medical Residents/Interns..... 0
Registered Nurses..... 80
Licensed Practical Nurses..... 14

SPECIALTY SERVICES:

Burn Unit..... No
Cardiac Intensive Care..... No
Comprehensive Geriatric..... No
Hospice Care..... No
Medical/Surgical Intensive Care..... Yes
Organ/Tissue Transplant..... No
Other Intensive Care..... No
Rehabilitation Unit..... No
Trauma Center..... No

** Not used in calculating hospital mortality rates.

HALSTEAD HOSPITAL
Medicare Provider Number: 170144

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,288	5.0	5.2	0.7	7.6	8.5	1.0	9.7	11.1	1.3
CONDITIONS:										
Acute Myocardial Infarction.....	15	33.3	28.0	*	33.3	31.7	■	33.3	35.5	*
Congestive Heart Failure.....	25	16.0	14.0	*	28.0	21.5	■	28.0	27.8	*
Pneumonia/Influenza.....	30	0.0	12.9	*	3.3	18.5	■	3.3	22.9	■
Chronic Obstructive Pulmonary Disease.....	11	18.2	6.7	■	18.2	12.2	■	27.3	16.4	■
Transient Cerebral Ischemia.....	14	0.0	2.1	*	7.1	4.4	■	7.1	6.8	■
Stroke.....	15	13.3	18.8	■	26.7	25.0	■	46.7	29.5	*
Hip Fracture.....	19	0.0	8.3	*	15.8	14.9	*	26.3	19.1	■
Sepsis.....	8	37.5	38.0	■	62.5	46.8	*	75.0	53.7	*
PROCEDURES:										
Angioplasty.....	2	0.0	0.8	*	0.0	1.5	■	0.0	2.3	■
Coronary Artery Bypass Graft.....	9	11.1	4.7	*	11.1	6.0	■	11.1	7.0	*
Initial Pacemaker Insertion.....	2	0.0	2.3	■	0.0	4.9	■	0.0	7.4	*
Carotid Endarterectomy.....	20	0.0	1.7	*	0.0	3.1	*	0.0	4.6	*
Hip Replacement/Reconstruction.....	70	0.0	2.8	3.0	4.3	5.4	3.1	7.1	7.4	3.2
Open Reduction of Hip Fracture.....	4	0.0	10.7	■	25.0	19.8	■	50.0	25.0	*
Prostatectomy.....	59	3.4	0.7	2.5	5.1	1.7	3.4	5.1	3.0	4.2
Cholecystectomy.....	20	5.0	3.3	*	5.0	6.3	■	5.0	8.4	*
Hysterectomy.....	23	0.0	0.9	*	0.0	1.9	*	0.0	3.0	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,274	4.7	4.9	0.6	7.7	8.0	0.8	10.4	10.5	0.9
CONDITIONS:										
Acute Myocardial Infarction.....	13	7.7	28.7	*	7.7	33.4	*	7.7	37.4	■
Congestive Heart Failure.....	34	14.7	16.8	■	23.5	26.2	*	38.2	33.7	■
Pneumonia/Influenza.....	19	5.3	17.1	■	10.5	23.5	*	10.5	28.6	*
Chronic Obstructive Pulmonary Disease.....	20	15.0	6.3	*	20.0	11.5	*	30.0	15.9	■
Transient Cerebral Ischemia.....	16	0.0	2.2	*	0.0	4.9	*	0.0	7.9	*
Stroke.....	20	10.0	22.1	■	25.0	29.1	*	30.0	34.0	*
Hip Fracture.....	21	9.5	5.8	*	14.3	10.5	*	14.3	13.8	*
Sepsis.....	5	0.0	34.5	*	40.0	46.3	*	40.0	54.0	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	9	0.0	4.0	*	0.0	4.9	*	0.0	5.8	*
Initial Pacemaker Insertion.....	17	0.0	2.1	*	0.0	4.2	■	0.0	6.4	*
Carotid Endarterectomy.....	30	0.0	1.9	*	3.3	3.6	*	3.3	5.2	*
Hip Replacement/Reconstruction.....	54	3.7	2.4	2.4	5.6	4.8	3.2	5.6	6.7	3.6
Open Reduction of Hip Fracture.....	4	0.0	8.3	*	0.0	15.7	■	0.0	20.9	*
Prostatectomy.....	92	0.0	0.6	*	0.0	1.3	■	0.0	2.3	*
Cholecystectomy.....	27	11.1	4.4	*	14.8	8.0	*	14.8	10.3	*
Hysterectomy.....	25	0.0	0.6	■	0.0	1.2	*	0.0	1.8	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HAMILTON COUNTY HOSPITAL

East Avenue G & Huser St Box 909
Syracuse, KS 67878

Medicare Provider Number: 170079

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	62	12.9	9.4	6.9	19.4	13.8	6.7	19.4	17.5	5.2
CONDITIONS:										
Acute Myocardial Infarction.....	3	33.3	39.5	*	66.7	43.3	*	66.7	47.2	*
Congestive Heart Failure.....	3	33.3	21.4	*	33.3	31.2	*	33.3	39.3	*
Pneumonia/Influenza.....	8	0.0	9.8	*	0.0	13.8	*	0.0	17.0	*
Chronic Obstructive Pulmonary Disease.....	2	0.0	7.0	*	0.0	11.5	*	0.0	15.4	*
Transient Cerebral Ischemia.....	0									
Stroke.....	2	50.0	21.7	*	50.0	29.4	*	50.0	34.1	*
Hip Fracture.....	0									
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	3	0.0	0.7	*	0.0	1.7	*	0.0	2.5	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: Health Care Financing Administration (OSCAR) - 1990		SPECIALTY SERVICES:	
Total Beds.....	29	Burn Unit.....	No
Ownership/Control.....	Local Government	Coronary Care Unit.....	No
STAFFING:		Hospice.....	No
Medical Residents/Interns.....	0	Intensive Care Unit.....	No
Registered Nurses.....	5	Organ Transplant.....	No
Licensed Practical Nurses.....	2	Rehabilitation.....	No
		Shock Trauma.....	No

** Not used in calculating hospital mortality rates.

HAMILTON COUNTY HOSPITAL

Medicare Provider Number: 170079

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	70	14.3	10.1	7.9	20.0	15.2	8.8	24.3	19.6	8.5
CONDITIONS:										
Acute Myocardial Infarction.....	4	50.0	38.5	*	75.0	41.5	*	75.0	45.7	*
Congestive Heart Failure.....	7	14.3	17.1	*	42.9	27.3	*	42.9	35.5	*
Pneumonia/Influenza.....	7	28.6	14.1	*	28.6	19.2	*	28.6	23.5	*
Chronic Obstructive Pulmonary Disease.....	1	0.0	8.1	*	0.0	14.1	*	0.0	19.4	*
Transient Cerebral Ischemia.....	3	0.0	2.9	*	0.0	7.1	*	0.0	11.3	*
Stroke.....	2	50.0	35.3	*	50.0	41.2	*	50.0	45.8	*
Hip Fracture.....	0									
Sepsis.....	1	0.0	14.6	*	0.0	20.3	*	0.0	25.1	*
PROCEDURE:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	1	0.0	0.1	*	0.0	0.2	*	0.0	0.3	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	59	10.2	7.4	6.3	22.0	11.7	7.0	27.1	15.5	8.0
CONDITIONS:										
Acute Myocardial Infarction.....	0									
Congestive Heart Failure.....	7	28.6	12.7	*	42.9	20.1	*	42.9	26.6	*
Pneumonia/Influenza.....	3	0.0	13.4	*	0.0	18.1	*	0.0	22.4	*
Chronic Obstructive Pulmonary Disease.....	0									
Transient Cerebral Ischemia.....	0									
Stroke.....	1	0.0	24.7	*	0.0	33.3	*	0.0	39.3	*
Hip Fracture.....	0									
Sepsis.....	1	0.0	8.8	*	0.0	12.9	*	0.0	16.4	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	1	0.0	0.3	*	0.0	0.4	*	0.0	0.6	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.



Hamilton County Hospital

BOX 909

SYRACUSE, KANSAS 67878

316-384-7461

January 13, 1991

Health Care Financing Administration
Health Standards and Quality Bureau
Attention: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Sirs:

This letter is being written to address the Medicare Mortality Rates as published by the Health Care Financing Administration (HCFA) for the Hamilton County Hospital, Syracuse, Kansas for 1987-1989. Although observed rates of mortality for our facility were slightly higher than the predicted rates we feel this is not a totally accurate picture of the mortality in our institution or an accurate reflexion of the care given here. While the figures shown are useful, they are screening tools and a completely accurate view cannot be obtained without review of the individual charts.

We have reviewed the patient charts included in the study for the period of October 1988 through October 1989. Of all the acute admissions for 1989 in our hospital, 48% were Medicare patients. It is not surprising then that 87.5% of the deaths were patients 70 years of age or older with 56% being over 80 years of age. This age group is of course prone to life threatening illness and disease. Indeed 87.5% also suffered from underlying chronic or debilitating disease with 25% suffering from Cancer or suspected Cancer.

Another factor influencing mortality rates is the public awareness of their right to request that their life not be sustained by artificial means in certain instances. Our research shows 69% of all mortalities credited to our institution were so informed and had Living Wills or requested no resuscitation measures. In addition 50% of records reviewed showed the diagnosis listed in the mortality study was not the most current diagnosis and at times had no bearing on the patient's cause of death. As an example, one studied chart showed a diagnosis of paranoid reaction when in actuality the patient died 11 months later of suspected cancer. This exemplifies another fact that 19% of all mortalities occurred long past the 180 days used in the study.

For these reasons we feel that while the mortality rates have some value for statistical purposes they often do not reflect the actual mortality



Hamilton County Hospital

BOX 909
SYRACUSE, KANSAS 67878
316-384-7461

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occurrence at a given hospital. They reflect only that a hospital differs from the average, but cannot offer reasons for the difference. Only peer review can evaluate the quality of care provided. Hamilton County Hospital has an ongoing Quality Assurance program which routinely reviews the care provided here as well as specific peer review of all deaths occurring in our facility. This review at Hamilton County Hospital continues to support our assertion that quality care, which is our constant goal, is being provided here.

Sincerely,

A handwritten signature in cursive script, appearing to read "Fred Stapleton".

Fred Stapleton
Administrator

FS/kr

HERINGTON MUNICIPAL HOSPITAL

100 E Helen St
Herington, KS 67449

Medicare Provider Number: 170115

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	210	8.1	11.9	2.8	11.0	17.7	3.4	14.3	22.0	3.7
CONDITIONS:										
Acute Myocardial Infarction.....	6	0.0	25.6	*	0.0	30.4	*	0.0	34.6	*
Congestive Heart Failure.....	9	22.2	15.6	*	22.2	23.6	*	22.2	30.3	*
Pneumonia/Influenza.....	15	6.7	13.6	*	13.3	18.8	*	20.0	22.8	*
Chronic Obstructive Pulmonary Disease.....	1	0.0	5.6	*	0.0	10.2	*	0.0	14.6	*
Transient Cerebral Ischemia.....	5	0.0	2.6	*	0.0	5.9	*	20.0	9.5	*
Stroke.....	6	0.0	20.5	*	0.0	28.2	*	0.0	32.8	*
Hip Fracture.....	1	0.0	12.8	*	0.0	24.8	*	0.0	33.6	*
Sepsis.....	8	12.5	33.1	*	12.5	40.8	*	25.0	47.1	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	5	0.0	1.3	*	0.0	2.3	*	0.0	3.0	*
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 32
Occupancy Rate..... 25
Ownership/Control..... Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 7
Percent of Physicians Board Certified Specialists..... 43
Medical Residents/Interns..... 0
Registered Nurses..... 8
Licensed Practical Nurses..... 7

SPECIALTY SERVICES:

Burn Unit..... No
Cardiac Intensive Care..... No
Comprehensive Geriatric..... No
Hospice Care..... No
Medical/Surgical Intensive Care..... No
Organ/Tissue Transplant..... No
Other Intensive Care..... No
Rehabilitation Unit..... No
Trauma Center..... No

** Not used in calculating hospital mortality rates.

HERINGTON MUNICIPAL HOSPITAL

Medicare Provider Number: 170115

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	238	9.2	11.1	2.1	13.4	16.2	2.9	15.5	20.0	3.6
CONDITIONS:										
Acute Myocardial Infarction.....	10	30.0	30.5	*	30.0	34.0	*	30.0	37.7	*
Congestive Heart Failure.....	11	9.1	17.2	*	9.1	26.0	*	18.2	33.1	*
Pneumonia/Influenza.....	21	19.0	17.9	*	19.0	25.5	*	23.8	30.7	*
Chronic Obstructive Pulmonary Disease.....	1	0.0	6.7	*	0.0	12.1	*	0.0	17.0	*
Transient Cerebral Ischemia.....	5	0.0	1.7	*	0.0	3.8	*	0.0	6.1	*
Stroke.....	13	15.4	23.5	*	15.4	33.0	*	15.4	38.4	*
Hip Fracture.....	0									
Sepsis.....	1	0.0	28.3	*	0.0	33.7	*	0.0	38.4	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	3	0.0	3.6	*	0.0	6.2	*	0.0	7.5	*
Hysterectomy.....	3	0.0	0.6	*	0.0	1.3	*	0.0	2.1	*

*The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	245	10.6	13.1	2.7	15.9	18.8	2.9	19.6	23.2	3.3
CONDITIONS:										
Acute Myocardial Infarction.....	7	28.6	33.4	*	42.9	37.3	*	42.9	41.7	*
Congestive Heart Failure.....	7	0.0	15.7	*	28.6	24.4	*	28.6	31.5	*
Pneumonia/Influenza.....	32	15.6	20.5	*	25.0	27.5	*	28.1	33.0	*
Chronic Obstructive Pulmonary Disease.....	3	0.0	30.1	*	33.3	39.0	*	33.3	42.7	*
Transient Cerebral Ischemia.....	4	0.0	3.4	*	0.0	8.0	*	25.0	13.1	*
Stroke.....	14	7.1	19.0	*	7.1	27.7	*	28.6	32.9	*
Hip Fracture.....	0									
Sepsis.....	5	40.0	32.5	*	40.0	38.9	*	40.0	45.4	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	3	0.0	1.3	*	0.0	2.5	*	0.0	3.7	*
Hysterectomy.....	1	0.0	0.3	*	0.0	0.3	*	0.0	0.4	*

*The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HIAWATHA COMMUNITY HOSPITAL

300 Utah St
Hiawatha, KS 66434

Medicare Provider Number: 170004

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	349	8.0	11.3	2.3	13.8	17.4	2.9	17.5	22.1	3.1
CONDITIONS:										
Acute Myocardial Infarction.....	6	16.7	28.0	*	16.7	31.4	*	16.7	35.0	*
Congestive Heart Failure.....	25	16.0	18.5	*	24.0	28.3	*	28.0	35.9	*
Pneumonia/Influenza.....	31	9.7	17.8	*	19.4	23.9	*	32.3	28.7	*
Chronic Obstructive Pulmonary Disease.....	7	0.0	7.7	*	0.0	15.1	*	0.0	22.1	*
Transient Cerebral Ischemia.....	7	0.0	2.4	*	14.3	5.6	*	14.3	9.1	*
Stroke.....	9	11.1	26.0	*	22.2	33.4	*	22.2	38.7	*
Hip Fracture.....	1	0.0	60.8	*	0.0	87.2	*	100.0	95.2	*
Sepsis.....	6	33.3	27.3	*	33.3	36.0	*	33.3	41.8	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	14	0.0	1.1	*	7.1	2.9	*	7.1	5.1	*
Cholecystectomy.....	6	0.0	0.9	*	0.0	1.4	*	0.0	1.8	*
Hysterectomy.....	2	0.0	1.0	*	0.0	1.5	*	0.0	1.9	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 45
Occupancy Rate..... 63
Ownership/Control..... Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 6
Percent of Physicians Board Certified Specialists..... 67
Medical Residents/Interns..... 0
Registered Nurses..... 20
Licensed Practical Nurses..... 6

SPECIALTY SERVICES:

Burn Unit..... No
Cardiac Intensive Care..... No
Comprehensive Geriatric..... No
Hospice Care..... No
Medical/Surgical Intensive Care..... No
Organ/Tissue Transplant..... No
Other Intensive Care..... No
Rehabilitation Unit..... No
Trauma Center..... No

** Not used in calculating hospital mortality rates.

HIAWATHA COMMUNITY HOSPITAL

Medicare Provider Number: 170004

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	347	10.1	11.1	2.2	15.6	17.2	3.1	18.2	21.9	4.1
CONDITIONS:										
Acute Myocardial Infarction.....	6	0.0	17.0	*	0.0	20.2	*	16.7	23.7	*
Congestive Heart Failure.....	26	15.4	18.6	*	34.6	28.4	*	38.5	35.8	*
Pneumonia/Influenza.....	34	20.6	21.9	*	29.4	29.7	*	29.4	35.1	*
Chronic Obstructive Pulmonary Disease.....	7	0.0	7.8	*	0.0	15.6	*	0.0	22.6	*
Transient Cerebral Ischemia.....	5	0.0	2.4	*	20.0	5.2	*	20.0	8.3	*
Stroke.....	9	33.3	25.7	*	33.3	32.5	*	33.3	37.4	*
Hip Fracture.....	1	0.0	5.2	*	0.0	10.4	*	0.0	14.1	*
Sepsis.....	3	0.0	23.6	*	0.0	33.4	*	0.0	40.1	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	3	0.0	1.5	*	0.0	2.8	*	0.0	4.0	*
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	14	0.0	1.0	*	7.1	2.4	*	7.1	4.0	*
Cholecystectomy.....	6	0.0	1.3	*	0.0	2.5	*	0.0	3.2	*
Hysterectomy.....	1	0.0	0.5	*	0.0	0.9	*	0.0	1.1	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	337	10.1	10.3	1.9	14.2	15.6	2.6	16.9	19.9	2.9
CONDITIONS:										
Acute Myocardial Infarction.....	8	37.5	31.3	*	37.5	34.8	*	37.5	38.2	*
Congestive Heart Failure.....	20	10.0	16.6	*	25.0	24.8	*	30.0	31.6	*
Pneumonia/Influenza.....	30	16.7	19.2	*	23.3	26.3	*	36.7	32.0	*
Chronic Obstructive Pulmonary Disease.....	7	14.3	6.9	*	14.3	14.8	*	14.3	21.3	*
Transient Cerebral Ischemia.....	10	0.0	2.1	*	20.0	4.7	*	30.0	7.4	*
Stroke.....	18	33.3	27.6	*	38.9	35.2	*	38.9	40.7	*
Hip Fracture.....	1	0.0	5.6	*	0.0	10.8	*	0.0	14.6	*
Sepsis.....	3	0.0	34.4	*	0.0	42.0	*	0.0	47.7	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	2	0.0	1.9	*	0.0	4.3	*	0.0	6.4	*
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	1	0.0	4.8	*	0.0	9.8	*	0.0	13.5	*
Prostatectomy.....	21	0.0	1.4	*	0.0	3.8	*	0.0	6.7	*
Cholecystectomy.....	5	0.0	1.2	*	0.0	2.3	*	0.0	3.1	*
Hysterectomy.....	1	0.0	0.3	*	0.0	0.7	*	0.0	1.0	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HODGEMAN COUNTY HEALTH CENTER

809 W Bramley
Jetmore, KS 67854

Medicare Provider Number: 170090

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	47	8.5	11.0	*	12.8	17.0	*	19.1	21.1	*
CONDITIONS:										
Acute Myocardial Infarction.....	2	50.0	15.2	*	50.0	17.2	*	50.0	19.2	*
Congestive Heart Failure.....	2	0.0	15.9	*	50.0	24.8	*	50.0	31.6	*
Pneumonia/Influenza.....	7	28.6	31.3	*	42.9	43.3	*	57.1	49.3	*
Chronic Obstructive Pulmonary Disease.....	0									
Transient Cerebral Ischemia.....	1	0.0	3.5	*	0.0	9.2	*	0.0	15.5	*
Stroke.....	0									
Hip Fracture.....	0									
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	1	0.0	0.6	*	0.0	1.5	*	0.0	2.5	*
Cholecystectomy.....	0									
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1988

Total Beds..... 51
Occupancy Rate..... 80
Ownership/Control..... Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 1
Percent of Physicians Board Certified Specialists..... (Not Available)
Medical Residents/Interns..... 0
Registered Nurses..... 9
Licensed Practical Nurses..... 0

SPECIALTY SERVICES:

Burn Unit..... No
Cardiac Intensive Care..... No
Comprehensive Geriatric..... No
Hospice Care..... No
Medical/Surgical Intensive Care..... No
Organ/Tissue Transplant..... No
Other Intensive Care..... No
Rehabilitation Unit..... No
Trauma Center..... No

** Not used in calculating hospital mortality rates.

HODGEMAN COUNTY HEALTH CENTER

Medicare Provider Number: 170090

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	20	0.0	9.0	*	0.0	13.6	*	5.0	17.7	*
CONDITIONS:										
Acute Myocardial Infarction.....	0									
Congestive Heart Failure.....	1	0.0	10.1	*	0.0	15.4	*	100.0	20.5	*
Pneumonia/Influenza.....	6	0.0	15.2	*	0.0	20.9	*	0.0	25.5	*
Chronic Obstructive Pulmonary Disease.....	0									
Transient Cerebral Ischemia.....	0									
Stroke.....	0									
Hip Fracture.....	0									
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	49	8.2	7.9	*	12.2	11.7	*	12.2	15.0	*
CONDITIONS:										
Acute Myocardial Infarction.....	3	0.0	29.4	*	0.0	31.9	*	0.0	35.0	*
Congestive Heart Failure.....	0									
Pneumonia/Influenza.....	6	16.7	10.8	*	16.7	15.1	*	16.7	18.8	*
Chronic Obstructive Pulmonary Disease.....	0									
Transient Cerebral Ischemia.....	0									
Stroke.....	2	50.0	22.9	*	50.0	29.1	*	50.0	34.1	*
Hip Fracture.....	1	0.0	11.5	*	0.0	19.0	*	0.0	23.5	*
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOLTON CITY HOSPITAL

510 Kansas Ave
Holton, KS 66436

Medicare Provider Number: 170160

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	111	17.1	7.5	3.8	22.5	11.3	4.1	24.3	14.2	4.3
CONDITIONS:										
Acute Myocardial Infarction.....	2	100.0	31.7	*	100.0	36.1	*	100.0	39.9	*
Congestive Heart Failure.....	5	60.0	15.7	*	60.0	24.7	*	60.0	30.9	*
Pneumonia/Influenza.....	9	22.2	9.4	*	22.2	13.2	*	22.2	16.4	*
Chronic Obstructive Pulmonary Disease.....	2	0.0	6.6	*	0.0	10.7	*	0.0	14.3	*
Transient Cerebral Ischemia.....	2	0.0	1.4	*	0.0	3.0	*	0.0	4.7	*
Stroke.....	9	33.3	15.7	*	33.3	21.4	*	44.4	25.3	*
Hip Fracture.....	0									
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	1	0.0	0.3	*	0.0	0.7	*	0.0	1.3	*
Cholecystectomy.....	0									
Hysterectomy.....	1	0.0	1.2	*	0.0	2.3	*	0.0	2.9	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 15
Occupancy Rate..... 47
Ownership/Control..... Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 3
Percent of Physicians Board Certified Specialists..... 33
Medical Residents/Interns..... 0
Registered Nurses..... 6
Licensed Practical Nurses..... 4

SPECIALTY SERVICES:

Burn Unit..... No
Cardiac Intensive Care..... No
Comprehensive Geriatric..... No
Hospice Care..... No
Medical/Surgical Intensive Care..... No
Organ/Tissue Transplant..... No
Other Intensive Care..... No
Rehabilitation Unit..... No
Trauma Center..... No

** Not used in calculating hospital mortality rates.

HOLTON CITY HOSPITAL
Medicare Provider Number: 170160

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	96	8.3	8.9	3.0	12.5	13.6	3.7	16.7	17.5	4.0
CONDITIONS:										
Acute Myocardial Infarction.....	3	0.0	22.2	*	0.0	25.3	*	0.0	29.2	*
Congestive Heart Failure.....	4	0.0	19.5	*	25.0	29.6	*	50.0	37.6	*
Pneumonia/Influenza.....	13	15.4	13.6	*	15.4	19.3	*	15.4	24.1	*
Chronic Obstructive Pulmonary Disease.....	2	0.0	13.7	*	0.0	21.2	*	0.0	26.4	*
Transient Cerebral Ischemia.....	1	0.0	1.0	*	0.0	2.1	*	0.0	3.2	*
Stroke.....	4	0.0	25.6	*	0.0	34.5	*	0.0	41.1	*
Hip Fracture.....	0									
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	2	0.0	0.6	*	0.0	1.1	*	0.0	1.6	*
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	116	18.1	9.9	4.4	23.3	14.7	5.0	25.9	18.5	4.8
CONDITIONS:										
Acute Myocardial Infarction.....	0									
Congestive Heart Failure.....	11	18.2	17.2	*	36.4	26.9	*	36.4	34.8	*
Pneumonia/Influenza.....	15	26.7	17.1	*	26.7	23.2	*	26.7	28.2	*
Chronic Obstructive Pulmonary Disease.....	4	25.0	6.4	*	50.0	10.7	*	50.0	15.0	*
Transient Cerebral Ischemia.....	6	0.0	1.9	*	16.7	4.2	*	33.3	6.8	*
Stroke.....	4	50.0	25.9	*	50.0	33.0	*	50.0	37.8	*
Hip Fracture.....	0									
Sepsis.....	1	0.0	15.1	*	100.0	18.8	*	100.0	23.2	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HORTON COMMUNITY HOSPITAL

240 W 18th St
Horton, KS 66439

Medicare Provider Number: 170067

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	128	5.5	9.6	4.5	13.3	14.1	5.9	14.8	17.7	5.8
CONDITIONS:										
Acute Myocardial Infarction.....	2	100.0	23.5	*	100.0	26.1	*	100.0	29.3	*
Congestive Heart Failure.....	7	14.3	13.8	*	14.3	20.8	*	28.6	26.9	*
Pneumonia/Influenza.....	16	0.0	17.8	*	12.5	23.8	*	12.5	28.8	*
Chronic Obstructive Pulmonary Disease.....	3	0.0	8.3	*	0.0	14.7	*	0.0	20.0	*
Transient Cerebral Ischemia.....	0									
Stroke.....	0									
Hip Fracture.....	0									
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	9	0.0	0.6	*	0.0	1.4	*	0.0	2.5	*
Cholecystectomy.....	2	0.0	1.1	*	0.0	1.8	*	0.0	2.3	*
Hysterectomy.....	2	0.0	1.6	*	0.0	3.8	*	0.0	6.0	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 35
Occupancy Rate..... 46
Ownership/Control..... Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 3
Percent of Physicians Board Certified Specialists..... 100
Medical Residents/Interns..... 0
Registered Nurses..... 8
Licensed Practical Nurses..... 6

SPECIALTY SERVICES:

Burn Unit..... No
Cardiac Intensive Care..... No
Comprehensive Geriatric..... No
Hospice Care..... No
Medical/Surgical Intensive Care..... No
Organ/Tissue Transplant..... No
Other Intensive Care..... No
Rehabilitation Unit..... No
Trauma Center..... No

** Not used in calculating hospital mortality rates.

HORTON COMMUNITY HOSPITAL

Medicare Provider Number: 170067

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	179	10.1	9.5	2.4	12.3	14.0	2.9	15.1	17.8	3.9
CONDITIONS:										
Acute Myocardial Infarction.....	5	80.0	27.4	*	80.0	30.3	*	80.0	33.6	*
Congestive Heart Failure.....	10	10.0	16.1	*	10.0	24.5	*	20.0	31.3	*
Pneumonia/Influenza.....	23	26.1	18.9	*	26.1	25.0	*	26.1	29.9	*
Chronic Obstructive Pulmonary Disease.....	4	0.0	12.1	*	0.0	18.5	*	0.0	24.3	*
Transient Cerebral Ischemia.....	1	0.0	1.3	*	0.0	2.8	*	0.0	4.3	*
Stroke.....	6	16.7	17.7	*	16.7	24.3	*	33.3	28.8	*
Hip Fracture.....	0									
Sepsis.....	1	100.0	24.5	*	100.0	28.8	*	100.0	34.3	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	14	0.0	0.7	*	0.0	1.7	*	0.0	2.7	*
Cholecystectomy.....	11	0.0	1.7	*	0.0	2.8	*	0.0	3.6	*
Hysterectomy.....	3	0.0	6.9	*	0.0	12.3	*	0.0	16.9	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	200	11.0	8.6	2.2	15.0	13.5	2.5	18.5	17.6	3.2
CONDITIONS:										
Acute Myocardial Infarction.....	4	0.0	19.5	*	25.0	22.3	*	25.0	25.5	*
Congestive Heart Failure.....	13	38.5	16.0	*	53.8	24.5	*	53.8	31.7	*
Pneumonia/Influenza.....	14	0.0	15.8	*	14.3	21.8	*	14.3	27.0	*
Chronic Obstructive Pulmonary Disease.....	3	0.0	3.6	*	0.0	7.0	*	33.3	10.2	*
Transient Cerebral Ischemia.....	6	0.0	2.8	*	0.0	6.3	*	0.0	10.0	*
Stroke.....	3	0.0	17.0	*	0.0	22.4	*	33.3	26.8	*
Hip Fracture.....	0									
Sepsis.....	1	0.0	51.5	*	100.0	58.9	*	100.0	67.2	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	8	0.0	1.4	*	12.5	3.3	*	12.5	5.2	*
Cholecystectomy.....	5	0.0	3.3	*	0.0	6.5	*	0.0	8.8	*
Hysterectomy.....	1	0.0	0.1	*	0.0	0.3	*	0.0	0.6	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL DIST 1-WASHINGTON COUNTY

205 South Hanover

Hanover, KS 66945

Medicare Provider Number: 170099

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	91	6.6	14.3	5.0	9.9	20.7	6.0	15.4	25.2	6.1
CONDITIONS:										
Acute Myocardial Infarction.....	3	0.0	36.3	*	0.0	43.4	*	0.0	48.2	*
Congestive Heart Failure.....	2	0.0	18.4	*	0.0	26.4	*	50.0	33.6	*
Pneumonia/Influenza.....	17	5.9	16.0	*	5.9	22.1	*	5.9	27.1	*
Chronic Obstructive Pulmonary Disease.....	0									
Transient Cerebral Ischemia.....	2	0.0	1.6	*	0.0	3.6	*	0.0	5.6	*
Stroke.....	5	0.0	17.8	*	0.0	23.3	*	0.0	27.6	*
Hip Fracture.....	0									
Sepsis.....	3	0.0	23.1	*	0.0	36.7	*	33.3	44.9	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	1	0.0	1.7	*	0.0	3.9	*	0.0	6.0	*
Cholecystectomy.....	1	0.0	1.6	*	0.0	2.2	*	0.0	3.0	*
Hysterectomy.....	1	0.0	1.0	*	0.0	1.9	*	0.0	2.4	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 48
 Occupancy Rate..... 67
 Ownership/Control..... District/Authority

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 3
 Percent of Physicians Board Certified Specialists..... (Not Available)
 Medical Residents/Interns..... (Not Available)
 Registered Nurses..... (Not Available)
 Licensed Practical Nurses..... (Not Available)

SPECIALTY SERVICES:

Burn Unit..... No
 Cardiac Intensive Care..... No
 Comprehensive Geriatric..... No
 Hospice Care..... No
 Medical/Surgical Intensive Care..... No
 Organ/Tissue Transplant..... No
 Other Intensive Care..... No
 Rehabilitation Unit..... No
 Trauma Center..... No

** Not used in calculating hospital mortality rates.

HOSPITAL DIST 1-WASHINGTON COUNTY

Medicare Provider Number: 170099

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	82	12.2	13.8	5.5	18.3	20.0	7.2	19.5	24.7	8.0
CONDITIONS:										
Acute Myocardial Infarction.....	3	33.3	49.9	*	33.3	53.9	*	33.3	59.1	*
Congestive Heart Failure.....	3	0.0	24.4	*	33.3	37.4	*	33.3	47.8	*
Pneumonia/Influenza.....	10	30.0	20.8	*	40.0	30.3	*	50.0	36.7	*
Chronic Obstructive Pulmonary Disease.....	0									
Transient Cerebral Ischemia.....	0									
Stroke.....	4	0.0	19.3	*	0.0	24.7	*	0.0	29.1	*
Hip Fracture.....	2	50.0	9.6	*	50.0	16.9	*	50.0	20.9	*
Sepsis.....	2	0.0	36.1	*	0.0	42.3	*	0.0	47.6	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	2	50.0	8.3	*	50.0	15.3	*	50.0	19.5	*
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	1	0.0	0.2	*	0.0	0.4	*	0.0	0.5	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	77	6.5	14.9	5.1	9.1	21.0	6.2	18.2	25.3	5.5
CONDITIONS:										
Acute Myocardial Infarction.....	1	0.0	60.2	*	100.0	64.5	*	100.0	69.8	*
Congestive Heart Failure.....	5	0.0	18.0	*	0.0	25.5	*	0.0	32.1	*
Pneumonia/Influenza.....	9	11.1	15.8	*	11.1	22.3	*	11.1	27.5	*
Chronic Obstructive Pulmonary Disease.....	0									
Transient Cerebral Ischemia.....	0									
Stroke.....	1	0.0	24.3	*	0.0	32.5	*	0.0	38.1	*
Hip Fracture.....	3	0.0	4.5	*	0.0	9.4	*	0.0	13.2	*
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	1	0.0	1.1	*	0.0	2.7	*	0.0	4.4	*
Cholecystectomy.....	1	0.0	1.1	*	0.0	1.8	*	0.0	2.4	*
Hysterectomy.....	1	0.0	6.6	*	0.0	14.0	*	0.0	20.4	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL DISTRICT 1 CRAWFORD COUNTY

RR 2 Box 5A
Girard, KS 66743

Medicare Provider Number: 170098

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	263	12.9	11.5	2.2	19.0	17.7	3.0	22.1	22.4	2.6
CONDITIONS:										
Acute Myocardial Infarction.....	4	25.0	44.3	*	50.0	49.8	*	50.0	54.2	*
Congestive Heart Failure.....	22	18.2	13.5	*	27.3	21.0	*	27.3	27.5	*
Pneumonia/Influenza.....	19	21.1	18.8	*	21.1	25.4	*	21.1	30.7	*
Chronic Obstructive Pulmonary Disease.....	8	0.0	5.3	*	0.0	11.5	*	0.0	17.5	*
Transient Cerebral Ischemia.....	4	0.0	1.0	*	0.0	2.3	*	0.0	3.7	*
Stroke.....	11	36.4	25.8	*	45.5	31.9	*	54.5	36.5	*
Hip Fracture.....	1	0.0	5.6	*	0.0	11.5	*	0.0	16.8	*
Sepsis.....	5	80.0	26.5	*	80.0	38.4	*	80.0	46.5	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	8	0.0	0.9	*	0.0	2.4	*	0.0	4.2	*
Cholecystectomy.....	2	0.0	1.0	*	0.0	1.6	*	0.0	2.0	*
Hysterectomy.....	2	0.0	0.3	*	0.0	0.6	*	0.0	0.8	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 25
Occupancy Rate..... 52
Ownership/Control..... District/Authority

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... (Not Available)
Percent of Physicians Board Certified Specialists..... (Not Available)
Medical Residents/Interns..... 0
Registered Nurses..... 22
Licensed Practical Nurses..... 0

SPECIALTY SERVICES:

Burn Unit..... No
Cardiac Intensive Care..... No
Comprehensive Geriatric..... No
Hospice Care..... No
Medical/Surgical Intensive Care..... Yes
Organ/Tissue Transplant..... No
Other Intensive Care..... No
Rehabilitation Unit..... No
Trauma Center..... No

** Not used in calculating hospital mortality rates.

HOSPITAL DISTRICT 1 CRAWFORD COUNTY

Medicare Provider Number: 170098

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	217	12.9	14.5	3.8	20.3	20.1	5.0	24.0	24.3	4.2
CONDITIONS:										
Acute Myocardial Infarction.....	7	71.4	44.7	*	71.4	49.3	*	71.4	53.1	*
Congestive Heart Failure.....	11	27.3	18.4	*	36.4	27.8	*	36.4	35.4	*
Pneumonia/Influenza.....	19	15.8	19.3	*	26.3	25.9	*	31.6	30.9	*
Chronic Obstructive Pulmonary Disease.....	6	0.0	9.1	*	16.7	16.5	*	33.3	22.4	*
Transient Cerebral Ischemia.....	4	0.0	3.0	*	25.0	6.5	*	25.0	10.3	*
Stroke.....	12	16.7	25.6	*	16.7	33.5	*	16.7	39.1	*
Hip Fracture.....	1	0.0	5.3	*	0.0	10.6	*	0.0	14.1	*
Sepsis.....	2	0.0	20.9	*	0.0	27.5	*	50.0	33.2	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	8	0.0	0.7	*	0.0	1.5	*	0.0	2.5	*
Cholecystectomy.....	4	0.0	1.6	*	0.0	2.7	*	0.0	3.5	*
Hysterectomy.....	1	0.0	0.1	*	0.0	0.1	*	0.0	0.2	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	220	14.1	12.5	2.6	18.2	18.7	2.7	21.4	23.6	3.4
CONDITIONS:										
Acute Myocardial Infarction.....	8	62.5	30.1	*	62.5	35.9	*	62.5	39.8	*
Congestive Heart Failure.....	11	18.2	20.8	*	36.4	30.7	*	36.4	38.7	*
Pneumonia/Influenza.....	12	25.0	15.5	*	25.0	21.4	*	33.3	26.1	*
Chronic Obstructive Pulmonary Disease.....	2	0.0	5.0	*	0.0	9.9	*	0.0	14.4	*
Transient Cerebral Ischemia.....	0									
Stroke.....	12	16.7	25.0	*	16.7	32.6	*	25.0	38.1	*
Hip Fracture.....	1	0.0	3.5	*	0.0	6.6	*	0.0	8.9	*
Sepsis.....	5	0.0	23.0	*	20.0	29.9	*	40.0	35.4	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	1	0.0	3.2	*	0.0	6.4	*	0.0	8.6	*
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	8	0.0	0.6	*	12.5	1.4	*	12.5	2.4	*
Cholecystectomy.....	5	0.0	3.7	*	0.0	7.7	*	0.0	10.8	*
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL DISTRICT 1 RICE COUNTY

619 S Clark St
Lyons, KS 67554

Medicare Provider Number: 170051

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	178	14.0	12.7	2.7	20.8	18.1	3.3	25.3	22.5	3.6
CONDITIONS:										
Acute Myocardial Infarction.....	15	20.0	24.6	*	20.0	28.0	*	20.0	31.6	*
Congestive Heart Failure.....	10	0.0	14.5	*	10.0	21.0	*	10.0	27.5	*
Pneumonia/Influenza.....	20	25.0	20.9	*	35.0	28.5	*	40.0	34.3	*
Chronic Obstructive Pulmonary Disease.....	3	33.3	5.3	*	100.0	8.5	*	100.0	11.7	*
Transient Cerebral Ischemia.....	3	0.0	1.8	*	0.0	4.1	*	0.0	6.7	*
Stroke.....	11	45.5	22.7	*	54.5	28.6	*	54.5	33.1	*
Hip Fracture.....	0									
Sepsis.....	4	0.0	27.7	*	0.0	33.5	*	0.0	40.4	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	1	0.0	1.0	*	0.0	1.7	*	0.0	2.2	*
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 44
Occupancy Rate..... 32
Ownership/Control..... District/Authority

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 5
Percent of Physicians Board Certified Specialists..... 100
Medical Residents/Interns..... 0
Registered Nurses..... 11
Licensed Practical Nurses..... 6

SPECIALTY SERVICES:

Burn Unit..... No
Cardiac Intensive Care..... No
Comprehensive Geriatric..... No
Hospice Care..... No
Medical/Surgical Intensive Care..... No
Organ/Tissue Transplant..... No
Other Intensive Care..... No
Rehabilitation Unit..... No
Trauma Center..... No

** Not used in calculating hospital mortality rates.

HOSPITAL DISTRICT 1 RICE COUNTY

Medicare Provider Number: 170051

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	187	19.3	13.9	3.6	23.0	19.4	3.4	26.7	23.8	3.7
CONDITIONS:										
Acute Myocardial Infarction.....	20	45.0	31.2	*	55.0	35.5	*	60.0	39.6	*
Congestive Heart Failure.....	20	20.0	17.7	*	20.0	28.6	*	25.0	36.8	*
Pneumonia/Influenza.....	22	45.5	19.2	*	59.1	26.6	*	63.6	32.2	*
Chronic Obstructive Pulmonary Disease.....	5	0.0	6.0	*	0.0	12.0	*	0.0	18.0	*
Transient Cerebral Ischemia.....	2	0.0	1.9	*	0.0	4.1	*	0.0	6.4	*
Stroke.....	5	0.0	16.5	*	0.0	21.4	*	0.0	25.5	*
Hip Fracture.....	0									
Sepsis.....	1	100.0	21.3	*	100.0	29.6	*	100.0	36.2	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	6	0.0	2.7	*	0.0	5.1	*	0.0	7.1	*
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	227	20.7	13.2	3.4	26.4	19.0	3.6	30.8	23.6	3.7
CONDITIONS:										
Acute Myocardial Infarction.....	23	39.1	29.0	*	43.5	32.8	*	47.8	36.6	*
Congestive Heart Failure.....	14	14.3	13.3	*	21.4	19.9	*	21.4	26.0	*
Pneumonia/Influenza.....	16	37.5	17.9	*	43.8	24.8	*	50.0	30.0	*
Chronic Obstructive Pulmonary Disease.....	1	0.0	8.5	*	100.0	13.3	*	100.0	18.7	*
Transient Cerebral Ischemia.....	4	0.0	2.5	*	0.0	5.3	*	0.0	8.4	*
Stroke.....	13	38.5	17.9	*	46.2	25.1	*	46.2	30.0	*
Hip Fracture.....	1	0.0	16.1	*	0.0	27.4	*	0.0	34.0	*
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	3	0.0	1.6	*	0.0	2.9	*	0.0	3.7	*
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL DISTRICT 1 SUMNER COUNTY

601 South Osage
Caldwell, KS 67022

Medicare Provider Number: 170152

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	131	9.2	10.2	2.7	13.0	14.9	3.5	14.5	18.7	4.7
CONDITIONS:										
Acute Myocardial Infarction.....	2	0.0	21.2	*	0.0	25.1	*	0.0	28.8	*
Congestive Heart Failure.....	13	23.1	16.0	*	23.1	24.1	*	23.1	31.0	*
Pneumonia/Influenza.....	16	31.3	16.0	*	37.5	21.8	*	37.5	26.5	*
Chronic Obstructive Pulmonary Disease.....	0									
Transient Cerebral Ischemia.....	2	0.0	4.4	*	0.0	11.6	*	0.0	19.8	*
Stroke.....	6	33.3	30.5	*	33.3	37.0	*	33.3	41.4	*
Hip Fracture.....	0									
Sepsis.....	2	0.0	22.2	*	0.0	28.5	*	0.0	33.6	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	1	0.0	1.1	*	0.0	1.7	*	0.0	2.2	*
Hysterectomy.....	1	0.0	1.0	*	0.0	2.0	*	0.0	2.6	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 27
Occupancy Rate..... 15
Ownership/Control..... District/Authority

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 11
Percent of Physicians Board Certified Specialists..... 100
Medical Residents/Interns..... 0
Registered Nurses..... 6
Licensed Practical Nurses..... 4

SPECIALTY SERVICES:

Burn Unit..... No
Cardiac Intensive Care..... No
Comprehensive Geriatric..... No
Hospice Care..... No
Medical/Surgical Intensive Care..... No
Organ/Tissue Transplant..... No
Other Intensive Care..... No
Rehabilitation Unit..... No
Trauma Center..... No

** Not used in calculating hospital mortality rates.

HOSPITAL DISTRICT 1 SUMNER COUNTY

Medicare Provider Number: 170152

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	132	14.4	10.2	3.2	21.2	15.5	4.7	24.2	19.8	3.9
CONDITIONS:										
Acute Myocardial Infarction.....	3	33.3	22.6	*	33.3	28.7	*	33.3	33.5	*
Congestive Heart Failure.....	9	33.3	18.0	*	33.3	26.2	*	55.6	32.6	*
Pneumonia/Influenza.....	24	16.7	16.6	*	29.2	22.9	*	33.3	27.5	*
Chronic Obstructive Pulmonary Disease.....	1	100.0	15.9	*	100.0	29.4	*	100.0	42.3	*
Transient Cerebral Ischemia.....	1	100.0	3.9	*	100.0	10.0	*	100.0	16.1	*
Stroke.....	2	0.0	43.2	*	0.0	55.2	*	0.0	60.8	*
Hip Fracture.....	0									
Sepsis.....	3	33.3	15.1	*	33.3	19.6	*	33.3	24.3	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	1	0.0	1.4	*	0.0	3.8	*	0.0	7.0	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	129	3.9	8.1	3.5	10.9	12.9	3.2	16.3	16.9	3.4
CONDITIONS:										
Acute Myocardial Infarction.....	1	0.0	30.8	*	0.0	33.6	*	0.0	37.5	*
Congestive Heart Failure.....	4	0.0	13.8	*	50.0	21.7	*	50.0	28.8	*
Pneumonia/Influenza.....	8	12.5	13.9	*	12.5	19.3	*	25.0	22.7	*
Chronic Obstructive Pulmonary Disease.....	2	0.0	10.7	*	0.0	19.8	*	0.0	27.6	*
Transient Cerebral Ischemia.....	1	0.0	1.3	*	0.0	2.8	*	0.0	4.5	*
Stroke.....	5	0.0	26.7	*	40.0	36.0	*	40.0	42.4	*
Hip Fracture.....	0									
Sepsis.....	3	33.3	36.8	*	33.3	42.5	*	66.7	47.2	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL DISTRICT 1-ATTICA

302 N Botkin P O Box 268

Attica, KS 67009

Medicare Provider Number: 170170

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	72	9.7	9.1	3.5	12.5	13.8	4.7	13.9	17.6	5.6
CONDITIONS:										
Acute Myocardial Infarction.....	1	100.0	44.5	*	100.0	51.8	*	100.0	59.1	*
Congestive Heart Failure.....	5	20.0	16.6	*	40.0	25.5	*	40.0	32.8	*
Pneumonia/Influenza.....	5	40.0	13.9	*	40.0	19.2	*	40.0	23.2	*
Chronic Obstructive Pulmonary Disease.....	0									
Transient Cerebral Ischemia.....	0									
Stroke.....	4	25.0	22.0	*	25.0	30.5	*	25.0	35.9	*
Hip Fracture.....	3	0.0	7.1	*	0.0	13.6	*	0.0	18.1	*
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	1	0.0	7.2	*	0.0	14.7	*	0.0	20.2	*
Prostatectomy.....	0									
Cholecystectomy.....	1	0.0	0.6	*	0.0	1.1	*	0.0	1.5	*
Hysterectomy.....	1	0.0	1.8	*	0.0	4.4	*	0.0	7.0	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 78
 Occupancy Rate..... 74
 Ownership/Control..... District/Authority

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 6
 Percent of Physicians Board Certified Specialists..... 100
 Medical Residents/Interns..... 0
 Registered Nurses..... 6
 Licensed Practical Nurses..... 0

SPECIALTY SERVICES:

Burn Unit..... No
 Cardiac Intensive Care..... No
 Comprehensive Geriatric..... No
 Hospice Care..... No
 Medical/Surgical Intensive Care..... No
 Organ/Tissue Transplant..... No
 Other Intensive Care..... No
 Rehabilitation Unit..... No
 Trauma Center..... No

** Not used in calculating hospital mortality rates.

HOSPITAL DISTRICT 1-ATTICA

Medicare Provider Number: 170170

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	55	16.4	14.3	5.8	21.8	20.8	5.7	23.6	25.0	6.0
CONDITIONS:										
Acute Myocardial Infarction.....	2	50.0	47.9	*	100.0	51.8	*	100.0	56.4	*
Congestive Heart Failure.....	5	20.0	14.9	*	20.0	22.3	*	20.0	28.8	*
Pneumonia/Influenza.....	2	0.0	10.7	*	0.0	15.6	*	0.0	19.1	*
Chronic Obstructive Pulmonary Disease.....	0									
Transient Cerebral Ischemia.....	1	0.0	1.7	*	0.0	3.7	*	0.0	5.9	*
Stroke.....	0									
Hip Fracture.....	2	0.0	9.4	*	0.0	16.0	*	0.0	19.6	*
Sepsis.....	2	50.0	38.3	*	50.0	47.6	*	50.0	55.2	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	1	0.0	10.6	*	0.0	19.8	*	0.0	24.9	*
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	1	0.0	0.2	*	0.0	0.3	*	0.0	0.5	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	60	5.0	8.3	4.9	10.0	12.9	6.8	11.7	16.5	7.7
CONDITIONS:										
Acute Myocardial Infarction.....	0									
Congestive Heart Failure.....	5	0.0	14.6	*	0.0	22.1	*	0.0	28.7	*
Pneumonia/Influenza.....	5	0.0	8.0	*	20.0	11.3	*	20.0	14.1	*
Chronic Obstructive Pulmonary Disease.....	0									
Transient Cerebral Ischemia.....	0									
Stroke.....	2	0.0	20.5	*	0.0	26.1	*	0.0	31.0	*
Hip Fracture.....	1	0.0	5.3	*	0.0	9.7	*	0.0	12.9	*
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	2	0.0	2.6	*	0.0	6.1	*	0.0	9.7	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL DISTRICT 2-NESS COUNTY

312 E Custer St
Ness City, KS 67560

Medicare Provider Number: 170066

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	85	8.2	11.1	4.1	10.6	16.2	5.4	12.9	20.1	6.0
CONDITIONS:										
Acute Myocardial Infarction.....	3	0.0	27.9	*	0.0	29.9	*	0.0	32.7	*
Congestive Heart Failure.....	3	0.0	14.1	*	0.0	23.4	*	0.0	31.4	*
Pneumonia/Influenza.....	5	20.0	18.8	*	20.0	26.8	*	20.0	32.4	*
Chronic Obstructive Pulmonary Disease.....	0									
Transient Cerebral Ischemia.....	4	0.0	2.2	*	0.0	4.9	*	0.0	7.9	*
Stroke.....	1	0.0	25.0	*	0.0	33.7	*	0.0	40.1	*
Hip Fracture.....	0									
Sepsis.....	2	0.0	51.5	*	0.0	61.5	*	0.0	67.1	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 52
Occupancy Rate..... 58
Ownership/Control..... District/Authority

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 22
Percent of Physicians Board Certified Specialists..... 32
Medical Residents/Interns..... 0
Registered Nurses..... 12
Licensed Practical Nurses..... 3

SPECIALTY SERVICES:

Burn Unit..... No
Cardiac Intensive Care..... No
Comprehensive Geriatric..... No
Hospice Care..... No
Medical/Surgical Intensive Care..... No
Organ/Tissue Transplant..... No
Other Intensive Care..... No
Rehabilitation Unit..... No
Trauma Center..... No

** Not used in calculating hospital mortality rates.

HOSPITAL DISTRICT 2-NESS COUNTY

Medicare Provider Number: 170066

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	91	9.9	11.7	3.9	13.2	16.5	5.1	15.4	20.0	7.0
CONDITIONS:										
Acute Myocardial Infarction.....	6	16.7	26.9	*	16.7	30.7	*	16.7	34.3	*
Congestive Heart Failure.....	2	0.0	13.0	*	0.0	19.2	*	0.0	24.6	*
Pneumonia/Influenza.....	7	14.3	18.4	*	14.3	26.1	*	14.3	31.5	*
Chronic Obstructive Pulmonary Disease.....	0									
Transient Cerebral Ischemia.....	2	0.0	2.0	*	0.0	4.5	*	0.0	7.3	*
Stroke.....	4	0.0	24.1	*	0.0	31.6	*	0.0	36.7	*
Hip Fracture.....	0									
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	1	0.0	0.3	*	0.0	0.6	*	0.0	1.0	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	138	6.5	9.0	3.7	10.1	13.1	4.9	10.9	16.6	6.2
CONDITIONS:										
Acute Myocardial Infarction.....	12	25.0	32.6	*	25.0	36.3	*	25.0	40.2	*
Congestive Heart Failure.....	3	0.0	13.4	*	0.0	21.2	*	0.0	27.8	*
Pneumonia/Influenza.....	13	0.0	12.7	*	15.4	17.4	*	23.1	21.6	*
Chronic Obstructive Pulmonary Disease.....	0									
Transient Cerebral Ischemia.....	3	0.0	1.6	*	0.0	3.4	*	0.0	5.3	*
Stroke.....	1	0.0	35.1	*	0.0	45.1	*	0.0	52.3	*
Hip Fracture.....	0									
Sepsis.....	1	0.0	39.4	*	0.0	44.8	*	0.0	51.3	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL DISTRICT 5 HARPER COUNTY

Twelfth and Maple
Harper, KS 67058

Medicare Provider Number: 170151

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	108	13.0	11.8	3.3	15.7	17.2	4.3	23.1	21.3	5.1
CONDITIONS:										
Acute Myocardial Infarction.....	3	0.0	34.6	*	0.0	37.8	*	0.0	42.1	*
Congestive Heart Failure.....	7	42.9	15.9	*	42.9	25.0	*	57.1	32.3	*
Pneumonia/Influenza.....	8	37.5	20.2	*	37.5	27.4	*	37.5	32.8	*
Chronic Obstructive Pulmonary Disease.....	3	0.0	8.4	*	0.0	14.6	*	0.0	19.8	*
Transient Cerebral Ischemia.....	1	0.0	2.4	*	0.0	5.6	*	0.0	9.2	*
Stroke.....	6	0.0	22.5	*	0.0	29.4	*	33.3	34.5	*
Hip Fracture.....	1	0.0	7.3	*	0.0	13.4	*	100.0	17.4	*
Sepsis.....	4	25.0	22.1	*	25.0	30.0	*	50.0	35.0	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	7	0.0	0.6	*	0.0	1.4	*	0.0	2.4	*
Cholecystectomy.....	1	0.0	0.5	*	0.0	0.8	*	0.0	1.1	*
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 25
Occupancy Rate..... 68
Ownership/Control..... District/Authority

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 4
Percent of Physicians Board Certified Specialists..... 75
Medical Residents/Interns..... 0
Registered Nurses..... 12
Licensed Practical Nurses..... 4

SPECIALTY SERVICES:

Burn Unit..... No
Cardiac Intensive Care..... No
Comprehensive Geriatric..... Yes
Hospice Care..... No
Medical/Surgical Intensive Care..... Yes
Organ/Tissue Transplant..... No
Other Intensive Care..... No
Rehabilitation Unit..... No
Trauma Center..... No

** Not used in calculating hospital mortality rates.

HOSPITAL DISTRICT 5 HARPER COUNTY

Medicare Provider Number: 170151

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	151	9.9	11.0	2.8	16.6	15.8	3.0	20.5	19.8	3.6
CONDITIONS:										
Acute Myocardial Infarction.....	6	50.0	43.0	*	50.0	46.4	*	50.0	50.4	*
Congestive Heart Failure.....	13	0.0	14.4	*	15.4	22.3	*	30.8	29.0	*
Pneumonia/Influenza.....	8	0.0	21.8	*	25.0	27.5	*	25.0	31.7	*
Chronic Obstructive Pulmonary Disease.....	1	0.0	5.9	*	0.0	10.6	*	0.0	15.0	*
Transient Cerebral Ischemia.....	2	0.0	2.2	*	0.0	5.5	*	0.0	9.1	*
Stroke.....	10	20.0	24.5	*	20.0	31.0	*	20.0	36.1	*
Hip Fracture.....	0									
Sepsis.....	2	0.0	13.8	*	0.0	18.1	*	50.0	22.2	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	5	0.0	1.6	*	20.0	4.2	*	20.0	7.3	*
Cholecystectomy.....	1	0.0	2.5	*	0.0	4.2	*	0.0	5.3	*
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	146	13.0	12.5	3.1	19.9	17.8	3.5	24.7	22.3	4.0
CONDITIONS:										
Acute Myocardial Infarction.....	12	33.3	37.7	*	58.3	41.3	*	58.3	46.0	*
Congestive Heart Failure.....	5	40.0	24.6	*	60.0	39.3	*	60.0	48.8	*
Pneumonia/Influenza.....	24	20.8	16.6	*	29.2	22.8	*	50.0	27.6	*
Chronic Obstructive Pulmonary Disease.....	1	0.0	11.0	*	100.0	17.5	*	100.0	24.3	*
Transient Cerebral Ischemia.....	5	0.0	2.5	*	0.0	5.7	*	0.0	9.2	*
Stroke.....	5	20.0	21.5	*	20.0	27.3	*	20.0	31.8	*
Hip Fracture.....	0									
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	1	0.0	1.1	*	0.0	2.0	*	0.0	2.7	*
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL DISTRICT 6 HARPER COUNTY

1101 E Spring St
Anthony, KS 67003

Medicare Provider Number: 170124

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	169	14.2	11.2	3.0	18.3	16.6	3.4	19.5	21.1	3.4
CONDITIONS:										
Acute Myocardial Infarction.....	6	33.3	27.9	*	33.3	31.5	*	33.3	35.2	*
Congestive Heart Failure.....	7	14.3	14.9	*	28.6	23.2	*	28.6	30.4	*
Pneumonia/Influenza.....	10	10.0	16.8	*	10.0	22.9	*	20.0	27.7	*
Chronic Obstructive Pulmonary Disease.....	0									
Transient Cerebral Ischemia.....	3	0.0	7.2	*	0.0	17.8	*	0.0	28.9	*
Stroke.....	9	33.3	16.1	*	44.4	21.2	*	44.4	25.3	*
Hip Fracture.....	0									
Sepsis.....	6	33.3	27.7	*	33.3	37.5	*	33.3	44.6	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	3	0.0	3.4	*	0.0	6.3	*	33.3	8.2	*
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 37
Occupancy Rate..... 54
Ownership/Control..... District/Authority

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 6
Percent of Physicians Board Certified Specialists..... 50
Medical Residents/Interns..... 0
Registered Nurses..... 14
Licensed Practical Nurses..... 2

SPECIALTY SERVICES:

Burn Unit..... No
Cardiac Intensive Care..... No
Comprehensive Geriatric..... No
Hospice Care..... No
Medical/Surgical Intensive Care..... No
Organ/Tissue Transplant..... No
Other Intensive Care..... No
Rehabilitation Unit..... No
Trauma Center..... No

** Not used in calculating hospital mortality rates.

HOSPITAL DISTRICT 6 HARPER COUNTY

Medicare Provider Number: 170124

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	174	10.9	9.8	2.3	14.9	14.5	2.9	17.2	18.4	3.0
CONDITIONS:										
Acute Myocardial Infarction.....	6	33.3	35.2	*	33.3	38.3	*	33.3	42.5	*
Congestive Heart Failure.....	6	0.0	17.3	*	16.7	28.0	*	16.7	36.1	*
Pneumonia/Influenza.....	14	35.7	16.9	*	42.9	22.8	*	42.9	27.4	*
Chronic Obstructive Pulmonary Disease.....	2	50.0	12.0	*	50.0	19.2	*	50.0	25.2	*
Transient Cerebral Ischemia.....	5	0.0	2.0	*	0.0	4.4	*	0.0	7.0	*
Stroke.....	8	0.0	21.2	*	11.1	27.8	*	22.2	32.8	*
Hip Fracture.....	1	0.0	3.1	*	0.0	6.2	*	0.0	8.5	*
Sepsis.....	5	60.0	41.8	*	60.0	51.4	*	60.0	58.2	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	5	20.0	1.5	*	20.0	3.2	*	20.0	4.5	*
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	179	12.8	10.0	3.0	17.9	15.2	3.0	20.1	19.5	3.0
CONDITIONS:										
Acute Myocardial Infarction.....	4	75.0	43.1	*	75.0	47.5	*	75.0	52.0	*
Congestive Heart Failure.....	11	36.4	15.8	*	36.4	22.9	*	45.5	29.6	*
Pneumonia/Influenza.....	16	25.0	14.8	*	37.5	20.3	*	37.5	24.9	*
Chronic Obstructive Pulmonary Disease.....	2	0.0	8.4	*	0.0	16.3	*	0.0	22.9	*
Transient Cerebral Ischemia.....	8	12.5	2.2	*	12.5	5.1	*	12.5	8.4	*
Stroke.....	8	12.5	19.8	*	25.0	29.1	*	37.5	34.8	*
Hip Fracture.....	0									
Sepsis.....	1	0.0	21.3	*	100.0	31.0	*	100.0	36.8	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	1	0.0	3.1	*	0.0	6.8	*	0.0	11.2	*
Hysterectomy.....	1	0.0	0.8	*	0.0	1.3	*	0.0	1.8	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HUMANA HOSPITAL DODGE CITY

3001 Ave A Box 1478
Dodge City, KS 67801

Medicare Provider Number: 170175

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	999	8.3	9.4	1.0	12.2	13.9	1.5	14.7	17.5	1.6
CONDITIONS:										
Acute Myocardial Infarction.....	28	17.9	27.0	*	21.4	30.4	*	25.0	33.7	*
Congestive Heart Failure.....	30	3.3	14.0	*	3.3	21.8	*	3.3	28.6	*
Pneumonia/Influenza.....	45	17.8	17.5	*	26.7	23.7	*	31.1	28.6	*
Chronic Obstructive Pulmonary Disease.....	9	0.0	7.7	*	22.2	12.5	*	33.3	17.1	*
Transient Cerebral Ischemia.....	4	0.0	2.1	*	25.0	4.8	*	25.0	7.6	*
Stroke.....	34	23.5	22.4	*	23.5	29.2	*	29.4	34.0	*
Hip Fracture.....	48	8.3	6.2	*	12.5	11.5	*	14.6	15.1	*
Sepsis.....	9	44.4	27.4	*	44.4	33.7	*	44.4	39.2	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	3	0.0	3.2	*	0.0	6.5	*	0.0	9.7	*
Carotid Endarterectomy.....	1	0.0	1.5	*	0.0	2.9	*	0.0	4.2	*
Hip Replacement/Reconstruction.....	33	6.1	3.4	*	9.1	6.5	*	12.1	8.8	*
Open Reduction of Hip Fracture.....	18	0.0	5.3	*	0.0	10.2	*	0.0	13.7	*
Prostatectomy.....	63	0.0	1.3	*	0.0	2.9	*	0.0	4.7	*
Cholecystectomy.....	20	5.0	3.1	*	5.0	5.3	*	10.0	6.9	*
Hysterectomy.....	7	0.0	0.4	*	0.0	0.9	*	0.0	1.3	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 110
Occupancy Rate..... 47
Ownership/Control..... Private, For Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 36
Percent of Physicians Board Certified Specialists..... 58
Medical Residents/Interns..... 0
Registered Nurses..... 57
Licensed Practical Nurses..... 23

SPECIALTY SERVICES:

Burn Unit..... No
Cardiac Intensive Care..... No
Comprehensive Geriatric..... No
Hospice Care..... No
Medical/Surgical Intensive Care..... Yes
Organ/Tissue Transplant..... No
Other Intensive Care..... No
Rehabilitation Unit..... No
Trauma Center..... No

** Not used in calculating hospital mortality rates.

HUMANA HOSPITAL DODGE CITY

Medicare Provider Number: 170175

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	969	8.9	8.1	1.6	11.1	12.6	1.5	14.4	16.2	1.9
CONDITIONS:										
Acute Myocardial Infarction.....	26	30.8	28.4	*	38.5	31.9	*	42.3	35.5	*
Congestive Heart Failure.....	29	13.8	16.3	*	17.2	24.8	*	31.0	31.8	*
Pneumonia/Influenza.....	48	12.5	14.1	*	12.5	19.3	*	18.8	23.7	*
Chronic Obstructive Pulmonary Disease.....	12	8.3	11.3	*	8.3	17.0	*	8.3	22.4	*
Transient Cerebral Ischemia.....	7	0.0	2.0	*	0.0	4.6	*	0.0	7.4	*
Stroke.....	38	18.4	20.0	*	26.3	26.2	*	26.3	30.9	*
Hip Fracture.....	34	8.8	6.8	*	11.8	12.6	*	11.8	16.4	*
Sepsis.....	2	0.0	18.0	*	0.0	24.0	*	0.0	28.7	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	23	8.7	3.5	*	13.0	7.0	*	13.0	9.4	*
Open Reduction of Hip Fracture.....	18	5.6	7.3	*	11.1	14.0	*	11.1	18.4	*
Prostatectomy.....	41	0.0	1.7	*	2.4	4.1	*	2.4	6.9	*
Cholecystectomy.....	23	0.0	2.0	*	0.0	3.4	*	0.0	4.3	*
Hysterectomy.....	5	0.0	0.3	*	0.0	0.4	*	0.0	0.6	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	935	7.6	7.4	0.9	10.9	11.7	1.2	13.8	15.3	1.3
CONDITIONS:										
Acute Myocardial Infarction.....	19	42.1	31.7	*	42.1	35.0	*	47.4	38.7	*
Congestive Heart Failure.....	39	15.4	14.7	*	17.9	22.6	*	25.6	29.3	*
Pneumonia/Influenza.....	43	11.6	18.2	*	18.6	25.2	*	20.9	30.7	*
Chronic Obstructive Pulmonary Disease.....	9	22.2	11.8	*	33.3	17.4	*	33.3	22.6	*
Transient Cerebral Ischemia.....	12	0.0	3.2	*	0.0	7.4	*	8.3	11.9	*
Stroke.....	24	25.0	26.0	*	37.5	33.3	*	41.7	38.7	*
Hip Fracture.....	34	17.6	7.0	*	17.6	12.9	*	23.5	16.7	*
Sepsis.....	1	0.0	37.6	*	0.0	48.0	*	0.0	54.5	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	25	12.0	2.4	*	12.0	4.9	*	16.0	6.8	*
Open Reduction of Hip Fracture.....	19	15.8	7.5	*	15.8	14.4	*	21.1	18.9	*
Prostatectomy.....	46	0.0	1.5	*	4.3	3.8	*	4.3	6.4	*
Cholecystectomy.....	20	5.0	4.2	*	10.0	8.2	*	10.0	11.7	*
Hysterectomy.....	11	0.0	0.5	*	0.0	0.8	*	0.0	1.2	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

Humana Hospital Dodge City

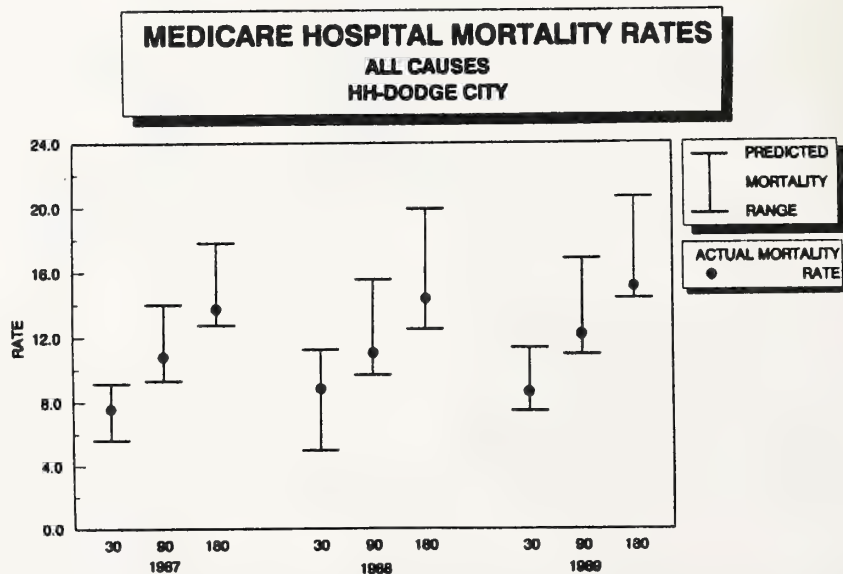
January 4, 1991

Ms. Sandra Kappert
 Health Care Financing Administration
 Health Standards & Quality Bureau
 2-D-2 Meadows East Building
 6325 Security Boulevard
 Baltimore, Maryland 21207

Dear Ms. Kappert:

Thank you for the opportunity to review and comment on the Medicare mortality rates you provided for Humana Hospital -Dodge City. Since the mortality rates will be interpreted by the public, it is essential the data be easily understandable. Unfortunately, the presentation of the data in the format you provided is difficult to understand, and wrong conclusions may be reached by readers attempting to evaluate the hospital's observed rate against the predicted mortality rate.

For areas where a standard deviation has been provided, we urge that a predicted range be calculated and displayed as in past years. This would allow for much less potential error of interpretation. (To aid readers, in understanding the data for Humana Hospital - Dodge City, we have computed a range for the "All Causes" category for the 30, 90 and 180 -day intervals for 1987, 1988 and 1989. The range represents a 95% prediction interval using the technical information provided. The data are displayed graphically below.



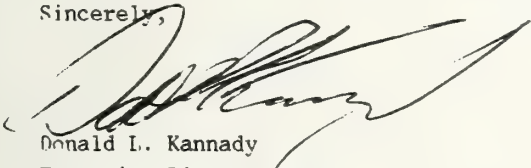
SOURCE: HCFA - MEDICARE HOSPITAL MORTALITY INFORMATION 1987, 1988, 1989

For some categories, observed and predicted mortality rates are published without an accompanying standard deviation. If "the number of cases or deaths in any category is too small to permit satisfactory estimation of the standard deviation," it is also inappropriate to publish predicted rates in that category, due to the potential for misinterpretation.

We support the Health Care Financing Administration's continuing effort to provide reliable mortality data. Mortality rates are an important clinical indicator; however, they are not the sole element in evaluating patient care given in a hospital. At Humana Hospital -Dodge City, we have established, in conjunction with our medical staff, an on-going, comprehensive quality management program.

Thank you again for the opportunity to review the data before publication. We hope you will give serious thought to our comments and not release the information to the public without modifying it to make it more meaningful and understandable.

Sincerely,



Donald L. Kannady
Executive Director
Humana Hospital - Dodge City

DLK/jrt

HUMANA HOSPITAL OVERLAND PARK

10500 Quivira Rd
Overland Park, KS 66215

Medicare Provider Number: 170176

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,341	6.7	8.2	1.5	11.7	12.5	1.5	14.6	15.9	2.0
CONDITIONS:										
Acute Myocardial Infarction.....	40	37.5	31.5	*	37.5	34.8	*	42.5	38.4	*
Congestive Heart Failure.....	52	9.6	13.2	6.6	19.2	20.4	6.1	26.9	26.6	6.5
Pneumonia/Influenza.....	52	1.9	14.5	6.2	5.8	19.5	7.5	5.8	23.6	8.1
Chronic Obstructive Pulmonary Disease.....	26	7.7	7.8	*	15.4	14.7	*	34.6	20.6	*
Transient Cerebral Ischemia.....	21	9.5	2.4	*	9.5	5.5	*	9.5	8.8	*
Stroke.....	44	13.6	23.9	*	18.2	31.4	*	22.7	36.3	*
Hip Fracture.....	43	7.0	7.9	*	9.3	14.0	*	11.6	18.1	*
Sepsis.....	11	0.0	21.0	*	9.1	28.3	*	18.2	33.7	*
PROCEDURES:										
Angioplasty.....	8	12.5	4.0	*	12.5	4.7	*	12.5	5.7	*
Coronary Artery Bypass Graft.....	15	20.0	6.2	*	20.0	8.6	*	33.3	10.1	*
Initial Pacemaker Insertion.....	11	9.1	3.2	*	18.2	6.7	*	18.2	10.0	*
Carotid Endarterectomy.....	5	0.0	1.6	*	20.0	3.0	*	20.0	4.3	*
Hip Replacement/Reconstruction.....	46	2.2	2.4	*	2.2	4.4	*	2.2	5.8	*
Open Reduction of Hip Fracture.....	24	8.3	7.5	*	8.3	13.9	*	12.5	18.2	*
Prostatectomy.....	72	0.0	1.3	1.7	2.8	3.3	2.7	4.2	5.5	3.5
Cholecystectomy.....	35	0.0	3.6	*	2.9	6.7	*	5.7	8.9	*
Hysterectomy.....	19	5.3	0.5	*	5.3	1.0	*	5.3	1.4	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 400
Occupancy Rate..... 27
Ownership/Control..... Private, For Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 232
Percent of Physicians Board Certified Specialists..... 73
Medical Residents/Interns..... 0
Registered Nurses..... 185
Licensed Practical Nurses..... 23

SPECIALTY SERVICES:

Burn Unit..... No
Cardiac Intensive Care..... No
Comprehensive Geriatric..... No
Hospice Care..... No
Medical/Surgical Intensive Care..... Yes
Organ/Tissue Transplant..... No
Other Intensive Care..... No
Rehabilitation Unit..... No
Trauma Center..... No

** Not used in calculating hospital mortality rates.

HUMANA HOSPITAL OVERLAND PARK

Medicare Provider Number: 170176

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,273	7.5	8.1	1.1	11.0	12.3	1.2	15.1	15.6	1.1
CONDITIONS:										
Acute Myocardial Infarction.....	36	30.6	29.3	*	33.3	32.6	*	36.1	36.3	*
Congestive Heart Failure.....	39	17.9	15.9	*	20.5	24.7	*	25.6	31.9	*
Pneumonia/Influenza.....	40	12.5	18.0	*	15.0	24.0	*	20.0	28.7	*
Chronic Obstructive Pulmonary Disease.....	11	9.1	12.6	*	36.4	20.3	*	36.4	26.5	*
Transient Cerebral Ischemia.....	19	0.0	2.2	*	5.3	5.0	*	5.3	8.1	*
Stroke.....	43	18.6	24.6	*	25.6	30.7	*	27.9	35.2	*
Hip Fracture.....	46	13.0	6.5	*	19.6	12.1	*	23.9	15.8	*
Sepsis.....	12	25.0	24.0	*	33.3	31.8	*	41.7	37.8	*
PROCEDURES:										
Angioplasty.....	6	0.0	3.8	*	0.0	4.5	*	0.0	5.4	*
Coronary Artery Bypass Graft.....	16	12.5	3.8	*	12.5	5.3	*	18.8	6.4	*
Initial Pacemaker Insertion.....	10	0.0	4.1	*	10.0	8.1	*	10.0	12.4	*
Carotid Endarterectomy.....	10	0.0	1.6	*	0.0	3.0	*	0.0	4.4	*
Hip Replacement/Reconstruction.....	50	6.0	2.5	*	10.0	4.9	*	12.0	6.6	*
Open Reduction of Hip Fracture.....	24	12.5	6.0	*	16.7	11.6	*	16.7	15.3	*
Prostatectomy.....	54	3.7	1.1	2.9	3.7	2.7	2.4	5.6	4.4	3.2
Cholecystectomy.....	30	0.0	3.8	*	0.0	7.4	*	3.3	10.1	*
Hysterectomy.....	24	0.0	0.4	*	0.0	1.0	*	0.0	1.7	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,160	6.7	8.5	1.0	11.8	12.8	1.1	15.2	16.2	1.1
CONDITIONS:										
Acute Myocardial Infarction.....	23	13.0	31.3	*	21.7	34.2	*	21.7	37.5	*
Congestive Heart Failure.....	43	11.6	15.4	*	20.9	23.2	*	20.9	29.8	*
Pneumonia/Influenza.....	34	11.8	14.9	*	20.6	20.3	*	23.5	24.6	*
Chronic Obstructive Pulmonary Disease.....	9	0.0	6.6	*	0.0	13.6	*	0.0	20.0	*
Transient Cerebral Ischemia.....	17	0.0	2.1	*	0.0	4.7	*	0.0	7.6	*
Stroke.....	43	9.3	21.0	*	23.3	27.8	*	30.2	32.6	*
Hip Fracture.....	21	14.3	7.6	*	19.0	13.6	*	23.8	17.7	*
Sepsis.....	16	31.3	34.3	*	43.8	43.5	*	43.8	50.5	*
PROCEDURES:										
Angioplasty.....	7	0.0	4.7	*	0.0	5.5	*	0.0	6.6	*
Coronary Artery Bypass Graft.....	12	16.7	4.7	*	16.7	6.4	*	16.7	7.6	*
Initial Pacemaker Insertion.....	11	0.0	3.4	*	9.1	5.8	*	9.1	8.0	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	43	2.3	2.1	*	2.3	3.9	*	4.7	5.3	*
Open Reduction of Hip Fracture.....	14	14.3	5.6	*	21.4	10.7	*	21.4	14.2	*
Prostatectomy.....	47	0.0	0.8	*	6.4	2.0	*	6.4	3.4	*
Cholecystectomy.....	27	3.7	2.9	*	7.4	5.0	*	7.4	6.5	*
Hysterectomy.....	12	0.0	0.6	*	0.0	1.3	*	0.0	2.1	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

Humana Hospital Overland Park

January 9, 1991

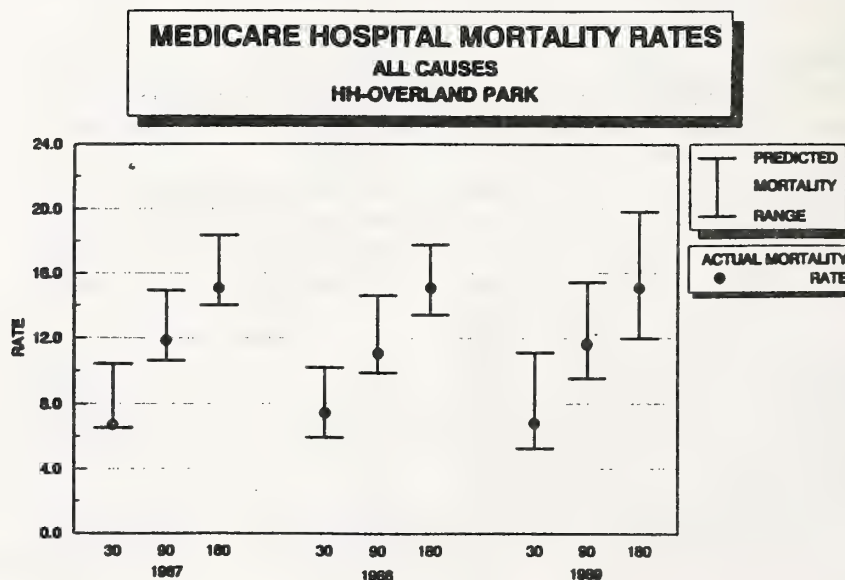
Medicare Provider #4-26-79

Ms. Sandra Kappert
Health Care Financing Administration
Health Standards & Quality Bureau
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Ms. Kappert:

Thank you for the opportunity to review and comment on the Medicare mortality rates you provided for Humana Hospital - Overland Park. Since the mortality rates will be interpreted by the public, it is essential the data be easily understandable. Unfortunately, the presentation of the data in the format you provided is difficult to understand, and wrong conclusions may be reached by readers attempting to evaluate the hospital's observed rate against the predicted mortality rate.

For areas where a standard deviation has been provided, we urge that a predicted range be calculated and displayed as in past years. This would allow for much less potential error of interpretation. To aid readers in understanding the data for Humana Hospital - Overland Park, we have computed a range for the "All Causes" category for the 30, 90 and 180-day intervals for 1987, 1988 and 1989. The range represents a 95% prediction interval using the technical information provided. The data are displayed graphically below.



SOURCE: HCFA - MEDICARE HOSPITAL MORTALITY INFORMATION 1987, 1988, 1989

The vertical lines represent the predicted ranges and the dot represents the hospital's observed rate.

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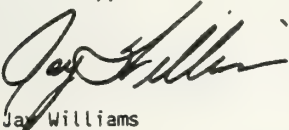
Ms. Sandra Kappert

For some categories, observed and predicted mortality rates are published without an accompanying standard deviation. If "the number of cases or deaths in any category is too small to permit satisfactory estimation of the standard deviation," it is also inappropriate to publish predicted rates in that category, due to the potential for misinterpretation.

We support the Health Care Financing Administration's continuing effort to provide reliable mortality data. Mortality rates are an important clinical indicator; however, they are not the sole element in evaluating patient care given in a hospital. At Humana Hospital - Overland Park, we have established, in conjunction with our medical staff, an on-going, comprehensive quality management program.

Thank you again for the opportunity to review the data before publication. We hope you will give serious thought to our comments and not release the information to the public without modifying it to make it more meaningful and understandable.

Sincerely,

A handwritten signature in dark ink, appearing to read "Jay Williams", written in a cursive style.

Jay Williams

Executive Director

Humana Hospital - Overland Park

HUTCHINSON HOSPITAL CORPORATION

1701 E 23rd St
Hutchinson, KS 67502

Medicare Provider Number: 170020

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	1,934	8.5	9.3	1.0	13.5	14.3	1.2	16.9	18.2	1.3
CONDITIONS:										
Acute Myocardial Infarction.....	63	34.9	27.8	8.4	39.7	31.5	8.1	39.7	35.5	6.8
Congestive Heart Failure.....	110	12.7	15.4	6.7	20.0	23.7	8.2	24.5	30.7	8.6
Pneumonia/Influenza.....	110	8.2	15.0	6.4	15.5	20.6	7.0	20.0	25.2	5.3
Chronic Obstructive Pulmonary Disease.....	18	16.7	7.4	*	22.2	14.4	*	33.3	20.9	*
Transient Cerebral Ischemia.....	30	3.3	2.0	*	3.3	4.5	*	3.3	7.2	*
Stroke.....	73	17.8	17.3	4.5	24.7	23.8	5.1	30.1	28.1	6.0
Hip Fracture.....	107	4.7	6.7	2.9	11.2	12.3	3.2	19.6	16.1	4.3
Sepsis.....	38	18.4	24.1	*	28.9	32.5	*	42.1	39.5	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	11	0.0	6.4	*	0.0	10.7	*	0.0	14.5	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	55	1.8	3.8	3.1	5.5	7.3	3.8	9.1	9.8	4.2
Open Reduction of Hip Fracture.....	42	4.8	5.8	*	9.5	10.9	*	16.7	14.4	*
Prostatectomy.....	74	1.4	1.0	1.3	1.4	2.5	2.0	2.7	4.3	2.5
Cholecystectomy.....	40	2.5	3.5	*	5.0	6.7	*	5.0	9.0	*
Hysterectomy.....	15	0.0	0.3	*	0.0	0.5	*	0.0	0.7	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 172
Occupancy Rate..... 74
Ownership/Control..... Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 66
Percent of Physicians Board Certified Specialists..... 79
Medical Residents/Interns..... 0
Registered Nurses..... 146
Licensed Practical Nurses..... 30

SPECIALTY SERVICES:

Burn Unit..... No
Cardiac Intensive Care..... No
Comprehensive Geriatric..... No
Hospice Care..... Yes
Medical/Surgical Intensive Care..... Yes
Organ/Tissue Transplant..... No
Other Intensive Care..... No
Rehabilitation Unit..... Yes
Trauma Center..... No

** Not used in calculating hospital mortality rates.

HUTCHINSON HOSPITAL CORPORATION

Medicare Provider Number: 170020

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,032	9.1	8.5	0.7	13.0	13.2	0.8	16.7	17.1	0.9
CONDITIONS:										
Acute Myocardial Infarction.....	43	30.2	29.7	*	34.9	33.7	*	37.2	37.5	*
Congestive Heart Failure.....	98	19.4	16.7	4.0	28.6	25.6	4.7	39.8	32.7	6.0
Pneumonia/Influenza.....	92	14.1	14.2	3.7	17.4	19.4	4.3	18.5	23.5	5.5
Chronic Obstructive Pulmonary Disease.....	33	9.1	6.2	*	12.1	10.9	*	15.2	15.0	*
Transient Cerebral Ischemia.....	33	0.0	2.0	*	3.0	4.4	*	9.1	7.1	*
Stroke.....	71	31.0	22.1	8.4	35.2	29.3	7.6	42.3	34.1	8.5
Hip Fracture.....	90	7.8	6.7	2.8	10.0	12.4	4.6	12.2	16.2	5.9
Sepsis.....	25	8.0	27.6	*	20.0	34.7	*	28.0	41.0	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	9	0.0	5.2	*	0.0	10.1	*	11.1	14.6	*
Carotid Endarterectomy.....	1	0.0	0.9	*	0.0	1.6	*	0.0	2.3	*
Hip Replacement/Reconstruction.....	65	3.1	3.2	2.8	4.6	6.4	3.8	6.2	8.7	4.3
Open Reduction of Hip Fracture.....	18	5.6	6.5	*	5.6	12.4	*	5.6	16.4	*
Prostatectomy.....	52	0.0	1.3	2.0	0.0	3.3	3.8	1.9	5.7	4.5
Cholecystectomy.....	51	9.8	2.9	5.6	9.8	5.5	5.1	9.8	7.4	5.0
Hysterectomy.....	26	3.8	1.0	*	7.7	1.9	*	7.7	2.8	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,942	9.4	8.4	0.7	13.3	13.0	0.8	16.8	16.7	1.0
CONDITIONS:										
Acute Myocardial Infarction.....	58	25.9	25.0	5.7	27.6	28.6	6.0	29.3	32.3	6.3
Congestive Heart Failure.....	92	21.7	16.1	5.0	27.2	24.7	4.7	32.6	31.9	5.5
Pneumonia/Influenza.....	91	18.7	13.6	5.2	23.1	18.7	4.4	24.2	22.9	4.4
Chronic Obstructive Pulmonary Disease.....	21	4.8	6.5	*	14.3	11.8	*	14.3	16.5	*
Transient Cerebral Ischemia.....	30	0.0	1.5	*	10.0	3.3	*	13.3	5.2	*
Stroke.....	64	18.8	17.9	5.1	21.9	25.2	5.8	21.9	29.8	8.7
Hip Fracture.....	95	9.5	6.6	3.8	13.7	12.0	4.1	18.9	15.8	4.9
Sepsis.....	33	21.2	25.8	*	24.2	34.2	*	33.3	40.4	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	7	14.3	5.8	*	14.3	10.3	*	28.6	13.5	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	78	2.6	2.7	2.1	3.8	5.1	2.8	6.4	7.0	3.3
Open Reduction of Hip Fracture.....	20	15.0	7.1	*	15.0	13.4	*	20.0	17.8	*
Prostatectomy.....	69	0.0	0.9	1.4	1.4	2.2	1.9	1.4	3.7	2.9
Cholecystectomy.....	36	0.0	4.2	*	0.0	7.3	*	2.8	9.1	*
Hysterectomy.....	30	0.0	1.3	*	0.0	2.7	*	3.3	4.0	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

JEFFERSON COUNTY MEMORIAL HOSPITAL

Route 1 Box 1
Winchester, KS 66097

Medicare Provider Number: 170131

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	148	13.5	12.9	2.8	19.6	19.0	3.9	23.6	23.4	3.7
CONDITIONS:										
Acute Myocardial Infarction.....	2	100.0	47.2	*	100.0	51.4	*	100.0	57.0	*
Congestive Heart Failure.....	7	57.1	16.1	*	57.1	25.2	*	57.1	32.8	*
Pneumonia/Influenza.....	21	9.5	22.4	*	19.0	30.9	*	28.6	36.5	*
Chronic Obstructive Pulmonary Disease.....	0									
Transient Cerebral Ischemia.....	1	0.0	1.3	*	0.0	3.0	*	0.0	4.9	*
Stroke.....	3	0.0	29.9	*	0.0	39.0	*	0.0	45.1	*
Hip Fracture.....	1	0.0	3.8	*	0.0	7.3	*	0.0	9.9	*
Sepsis.....	2	50.0	24.9	*	50.0	39.3	*	50.0	46.5	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	1	0.0	3.3	*	0.0	6.6	*	0.0	9.2	*
Prostatectomy.....	16	0.0	1.6	*	6.3	3.9	*	12.5	6.7	*
Cholecystectomy.....	3	0.0	3.7	*	0.0	7.6	*	33.3	10.5	*
Hysterectomy.....	1	0.0	0.9	*	0.0	1.7	*	0.0	2.2	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 118
Occupancy Rate..... 80
Ownership/Control..... Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... (Not Available)
Percent of Physicians Board Certified Specialists..... (Not Available)
Medical Residents/Interns..... 0
Registered Nurses..... 8
Licensed Practical Nurses..... 6

SPECIALTY SERVICES:

Burn Unit..... No
Cardiac Intensive Care..... No
Comprehensive Geriatric..... Yes
Hospice Care..... No
Medical/Surgical Intensive Care..... Yes
Organ/Tissue Transplant..... No
Other Intensive Care..... No
Rehabilitation Unit..... No
Trauma Center..... No

** Not used in calculating hospital mortality rates.

JEFFERSON COUNTY MEMORIAL HOSPITAL

Medicare Provider Number: 170131

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	158	19.6	15.4	4.1	25.9	21.9	4.1	29.7	26.7	4.5
CONDITIONS:										
Acute Myocardial Infarction.....	4	50.0	39.9	*	50.0	43.8	*	50.0	48.9	*
Congestive Heart Failure.....	8	62.5	20.5	*	62.5	30.9	*	75.0	39.0	*
Pneumonia/Influenza.....	11	0.0	12.8	*	9.1	17.4	*	9.1	21.1	*
Chronic Obstructive Pulmonary Disease.....	3	0.0	16.6	*	0.0	27.4	*	0.0	35.1	*
Transient Cerebral Ischemia.....	1	0.0	1.1	*	0.0	2.3	*	0.0	3.5	*
Stroke.....	10	50.0	27.1	*	60.0	34.6	*	60.0	40.0	*
Hip Fracture.....	2	0.0	7.8	*	0.0	14.1	*	0.0	17.8	*
Sepsis.....	6	16.7	30.5	*	50.0	37.2	*	50.0	44.3	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	2	0.0	6.8	*	0.0	12.8	*	0.0	16.6	*
Prostatectomy.....	3	0.0	4.0	*	0.0	9.4	*	0.0	14.2	*
Cholecystectomy.....	4	0.0	2.3	*	0.0	4.5	*	0.0	5.9	*
Hysterectomy.....	1	0.0	0.1	*	0.0	0.2	*	0.0	0.3	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	155	10.3	12.3	3.1	18.1	17.8	3.1	23.9	22.3	3.7
CONDITIONS:										
Acute Myocardial Infarction.....	2	50.0	39.5	*	50.0	42.8	*	100.0	46.9	*
Congestive Heart Failure.....	4	50.0	27.9	*	50.0	37.2	*	50.0	45.5	*
Pneumonia/Influenza.....	18	33.3	15.8	*	38.9	21.5	*	38.9	26.1	*
Chronic Obstructive Pulmonary Disease.....	0									
Transient Cerebral Ischemia.....	1	0.0	1.8	*	0.0	4.0	*	0.0	6.5	*
Stroke.....	16	6.3	26.7	*	18.8	34.6	*	37.5	40.3	*
Hip Fracture.....	5	0.0	10.9	*	40.0	19.9	*	40.0	25.5	*
Sepsis.....	4	25.0	21.7	*	25.0	28.5	*	25.0	34.3	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	1	0.0	26.8	*	100.0	49.0	*	100.0	61.4	*
Prostatectomy.....	8	0.0	1.1	*	0.0	2.9	*	0.0	5.1	*
Cholecystectomy.....	5	0.0	2.1	*	0.0	3.4	*	0.0	4.3	*
Hysterectomy.....	1	0.0	0.2	*	0.0	0.3	*	0.0	0.6	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

JEWELL COUNTY HOSPITAL

100 Crest Vue
Mankato, KS 66956

Medicare Provider Number: 170168

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	30	20.0	11.3	*	23.3	15.6	*	26.7	19.0	*
CONDITIONS:										
Acute Myocardial Infarction.....	2	50.0	22.6	*	50.0	26.2	*	50.0	29.6	*
Congestive Heart Failure.....	4	25.0	10.4	*	25.0	16.8	*	25.0	22.2	*
Pneumonia/Influenza.....	3	0.0	15.2	*	0.0	21.6	*	0.0	26.3	*
Chronic Obstructive Pulmonary Disease.....	0									
Transient Cerebral Ischemia.....	0									
Stroke.....	1	100.0	49.7	*	100.0	55.7	*	100.0	62.0	*
Hip Fracture.....	0									
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 61
Occupancy Rate..... 69
Ownership/Control..... Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... (Not Available)
Percent of Physicians Board Certified Specialists..... (Not Available)
Medical Residents/Interns..... (Not Available)
Registered Nurses..... (Not Available)
Licensed Practical Nurses..... (Not Available)

SPECIALTY SERVICES:

Burn Unit..... No
Cardiac Intensive Care..... No
Comprehensive Geriatric..... No
Hospice Care..... No
Medical/Surgical Intensive Care..... No
Organ/Tissue Transplant..... No
Other Intensive Care..... No
Rehabilitation Unit..... No
Trauma Center..... No

** Not used in calculating hospital mortality rates.

JEWELL COUNTY HOSPITAL

Medicare Provider Number: 170168

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	22	27.3	15.1	*	31.8	20.7	*	36.4	25.0	*
CONDITIONS:										
Acute Myocardial Infarction.....	3	66.7	39.9	*	66.7	44.4	*	66.7	47.9	*
Congestive Heart Failure.....	4	50.0	18.8	*	50.0	28.3	*	50.0	36.2	*
Pneumonia/Influenza.....	1	100.0	25.1	*	100.0	38.0	*	100.0	47.6	*
Chronic Obstructive Pulmonary Disease.....	0									
Transient Cerebral Ischemia.....	1	0.0	1.9	*	0.0	4.2	*	100.0	7.3	*
Stroke.....	1	0.0	12.3	*	0.0	16.8	*	0.0	20.2	*
Hip Fracture.....	0									
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	28	39.3	15.5	*	50.0	21.8	*	50.0	27.1	*
CONDITIONS:										
Acute Myocardial Infarction.....	5	40.0	28.9	*	60.0	32.7	*	60.0	36.1	*
Congestive Heart Failure.....	5	40.0	16.3	*	60.0	24.8	*	60.0	31.9	*
Pneumonia/Influenza.....	5	20.0	16.1	*	20.0	22.5	*	20.0	27.7	*
Chronic Obstructive Pulmonary Disease.....	2	0.0	6.2	*	0.0	9.9	*	0.0	13.5	*
Transient Cerebral Ischemia.....	0									
Stroke.....	0									
Hip Fracture.....	0									
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

KEARNY COUNTY HOSPITAL

500 Thorpe Ave Box 744

Lakin, KS 67860

Medicare Provider Number: 170100

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	59	6.8	7.8	3.8	6.8	11.8	5.7	10.2	15.2	6.9
CONDITIONS:										
Acute Myocardial Infarction.....	3	66.7	42.9	*	66.7	46.5	*	66.7	50.5	*
Congestive Heart Failure.....	2	0.0	9.9	*	0.0	14.4	*	0.0	19.3	*
Pneumonia/Influenza.....	7	14.3	12.7	*	14.3	18.1	*	42.9	22.7	*
Chronic Obstructive Pulmonary Disease.....	2	0.0	3.9	*	0.0	6.7	*	0.0	9.4	*
Transient Cerebral Ischemia.....	2	0.0	2.1	*	0.0	4.3	*	0.0	6.9	*
Stroke.....	1	0.0	17.9	*	0.0	23.8	*	0.0	27.9	*
Hip Fracture.....	0									
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 20
 Occupancy Rate..... 20
 Ownership/Control..... Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 2
 Percent of Physicians Board Certified Specialists..... 100
 Medical Residents/Interns..... 0
 Registered Nurses..... 8
 Licensed Practical Nurses..... 1

SPECIALTY SERVICES:

Burn Unit..... No
 Cardiac Intensive Care..... No
 Comprehensive Geriatric..... No
 Hospice Care..... No
 Medical/Surgical Intensive Care..... Yes
 Organ/Tissue Transplant..... No
 Other Intensive Care..... No
 Rehabilitation Unit..... No
 Trauma Center..... No

** Not used in calculating hospital mortality rates.

KEARNY COUNTY HOSPITAL

Medicare Provider Number: 170100

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	79	5.1	6.9	4.5	7.6	10.6	5.7	10.1	13.8	5.7
CONDITIONS:										
Acute Myocardial Infarction.....	1	100.0	57.2	*	100.0	61.9	*	100.0	67.3	*
Congestive Heart Failure.....	4	25.0	20.9	*	25.0	30.4	*	25.0	38.4	*
Pneumonia/Influenza.....	5	20.0	21.2	*	20.0	28.6	*	40.0	34.2	*
Chronic Obstructive Pulmonary Disease.....	1	0.0	2.3	*	0.0	4.4	*	0.0	6.3	*
Transient Cerebral Ischemia.....	2	0.0	1.3	*	0.0	2.8	*	0.0	4.4	*
Stroke.....	3	0.0	25.6	*	0.0	33.6	*	0.0	38.7	*
Hip Fracture.....	0									
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	76	10.5	7.8	4.0	17.1	12.4	5.4	18.4	16.4	4.8
CONDITIONS:										
Acute Myocardial Infarction.....	0									
Congestive Heart Failure.....	3	66.7	17.4	*	66.7	24.5	*	66.7	31.6	*
Pneumonia/Influenza.....	11	18.2	18.9	*	27.3	25.9	*	27.3	31.2	*
Chronic Obstructive Pulmonary Disease.....	3	0.0	3.6	*	33.3	7.2	*	33.3	10.7	*
Transient Cerebral Ischemia.....	6	16.7	1.6	*	16.7	3.6	*	16.7	5.8	*
Stroke.....	1	100.0	39.3	*	100.0	52.9	*	100.0	60.2	*
Hip Fracture.....	0									
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

KINGMAN COMMUNITY HOSPITAL

750 Avenue D West
Kingman, KS 67068

Medicare Provider Number: 170052

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	203	13.3	13.5	2.5	18.2	19.4	2.9	23.2	24.3	3.1
CONDITIONS:										
Acute Myocardial Infarction.....	7	28.6	36.0	*	28.6	39.7	*	28.6	43.9	*
Congestive Heart Failure.....	12	8.3	13.6	*	8.3	20.7	*	25.0	26.9	*
Pneumonia/Influenza.....	20	20.0	17.4	*	20.0	24.2	*	25.0	29.2	*
Chronic Obstructive Pulmonary Disease.....	3	0.0	6.5	*	0.0	12.1	*	0.0	17.1	*
Transient Cerebral Ischemia.....	4	0.0	2.0	*	0.0	4.3	*	0.0	6.9	*
Stroke.....	14	21.4	19.9	*	28.6	27.0	*	28.6	31.9	*
Hip Fracture.....	0									
Sepsis.....	3	33.3	36.8	*	66.7	48.0	*	100.0	55.6	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	2	0.0	8.0	*	0.0	14.9	*	0.0	19.5	*
Hysterectomy.....	2	0.0	1.6	*	0.0	4.5	*	0.0	8.3	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 49
Occupancy Rate..... 35
Ownership/Control..... Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 11
Percent of Physicians Board Certified Specialists..... 64
Medical Residents/Interns..... 0
Registered Nurses..... 14
Licensed Practical Nurses..... 4

SPECIALTY SERVICES:

Burn Unit..... No
Cardiac Intensive Care..... No
Comprehensive Geriatric..... No
Hospice Care..... No
Medical/Surgical Intensive Care..... No
Organ/Tissue Transplant..... No
Other Intensive Care..... No
Rehabilitation Unit..... No
Trauma Center..... No

** Not used in calculating hospital mortality rates.

KINGMAN COMMUNITY HOSPITAL

Medicare Provider Number: 170052

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	205	15.1	12.9	3.0	21.0	18.3	3.6	24.9	22.6	3.5
CONDITIONS:										
Acute Myocardial Infarction.....	9	22.2	36.2	*	22.2	39.8	*	22.2	43.2	*
Congestive Heart Failure.....	13	38.5	19.0	*	38.5	29.3	*	53.8	37.2	*
Pneumonia/Influenza.....	16	6.3	18.8	*	12.5	25.8	*	12.5	31.0	*
Chronic Obstructive Pulmonary Disease.....	2	0.0	3.1	*	0.0	6.2	*	0.0	9.1	*
Transient Cerebral Ischemia.....	3	0.0	2.6	*	0.0	5.7	*	0.0	9.2	*
Stroke.....	6	50.0	25.5	*	50.0	32.9	*	50.0	38.1	*
Hip Fracture.....	0									
Sepsis.....	6	16.7	23.1	*	33.3	30.2	*	50.0	36.4	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	2	0.0	1.9	*	0.0	3.7	*	0.0	5.4	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	5	20.0	0.6	*	40.0	1.4	*	40.0	2.5	*
Cholecystectomy.....	2	0.0	0.8	*	0.0	1.6	*	0.0	2.2	*
Hysterectomy.....	2	0.0	1.4	*	0.0	3.8	*	0.0	6.6	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	194	13.4	8.9	3.1	16.5	13.2	3.4	20.1	16.9	3.5
CONDITIONS:										
Acute Myocardial Infarction.....	7	57.1	34.1	*	71.4	37.2	*	71.4	40.9	*
Congestive Heart Failure.....	11	36.4	19.6	*	36.4	30.8	*	45.5	39.4	*
Pneumonia/Influenza.....	14	7.1	16.3	*	14.3	23.2	*	21.4	28.6	*
Chronic Obstructive Pulmonary Disease.....	1	0.0	6.5	*	0.0	10.2	*	0.0	13.1	*
Transient Cerebral Ischemia.....	4	0.0	2.2	*	0.0	4.6	*	0.0	7.2	*
Stroke.....	4	50.0	25.4	*	50.0	31.0	*	50.0	35.5	*
Hip Fracture.....	2	0.0	6.3	*	50.0	10.8	*	50.0	13.6	*
Sepsis.....	1	100.0	26.1	*	100.0	32.7	*	100.0	39.1	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	1	100.0	7.6	*	100.0	17.2	*	100.0	26.6	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	8	12.5	0.9	*	12.5	2.2	*	12.5	3.7	*
Cholecystectomy.....	6	0.0	2.2	*	0.0	4.7	*	0.0	6.8	*
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

KIOWA COUNTY MEMORIAL HOSPITAL

501 S Walnut St
Greensburg, KS 67054

Medicare Provider Number: 170053

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	151	7.3	10.5	2.9	10.6	15.5	3.7	11.9	19.4	4.6
CONDITIONS:										
Acute Myocardial Infarction.....	6	16.7	32.8	*	16.7	36.8	*	16.7	41.1	*
Congestive Heart Failure.....	9	33.3	20.4	*	44.4	31.0	*	55.6	39.5	*
Pneumonia/Influenza.....	15	13.3	17.2	*	20.0	22.8	*	20.0	27.3	*
Chronic Obstructive Pulmonary Disease.....	2	0.0	12.7	*	0.0	22.0	*	0.0	29.6	*
Transient Cerebral Ischemia.....	4	0.0	2.8	*	0.0	6.5	*	0.0	10.9	*
Stroke.....	8	0.0	17.2	*	0.0	23.1	*	12.5	27.5	*
Hip Fracture.....	1	0.0	21.3	*	0.0	40.8	*	0.0	53.7	*
Sepsis.....	1	0.0	11.8	*	0.0	15.8	*	0.0	19.1	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	5	0.0	0.5	*	0.0	1.1	*	0.0	1.8	*
Cholecystectomy.....	3	0.0	1.0	*	0.0	1.6	*	0.0	2.1	*
Hysterectomy.....	1	0.0	0.1	*	0.0	0.1	*	0.0	0.2	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 24
Occupancy Rate..... 63
Ownership/Control..... Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 3
Percent of Physicians Board Certified Specialists..... (Not Available)
Medical Residents/Interns..... 0
Registered Nurses..... 9
Licensed Practical Nurses..... 4

SPECIALTY SERVICES:

Burn Unit..... No
Cardiac Intensive Care..... No
Comprehensive Geriatric..... No
Hospice Care..... No
Medical/Surgical Intensive Care..... No
Organ/Tissue Transplant..... No
Other Intensive Care..... No
Rehabilitation Unit..... No
Trauma Center..... No

** Not used in calculating hospital mortality rates.

KIOWA COUNTY MEMORIAL HOSPITAL

Medicare Provider Number: 170053

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FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	133	7.5	11.4	4.2	12.8	16.2	5.9	13.5	20.2	6.2
CONDITIONS:										
Acute Myocardial Infarction.....	5	0.0	13.5	*	0.0	16.7	*	0.0	20.0	*
Congestive Heart Failure.....	2	0.0	18.9	*	0.0	27.3	*	0.0	34.1	*
Pneumonia/Influenza.....	19	10.5	12.3	*	15.8	16.6	*	15.8	20.0	*
Chronic Obstructive Pulmonary Disease.....	1	100.0	27.0	*	100.0	46.9	*	100.0	59.1	*
Transient Cerebral Ischemia.....	3	0.0	1.9	*	0.0	3.9	*	0.0	6.2	*
Stroke.....	10	10.0	26.7	*	30.0	35.0	*	30.0	40.7	*
Hip Fracture.....	1	0.0	4.2	*	0.0	9.5	*	0.0	13.8	*
Sepsis.....	2	0.0	15.5	*	0.0	19.8	*	0.0	23.8	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	3	0.0	1.0	*	0.0	2.6	*	0.0	4.2	*
Cholecystectomy.....	0									
Hysterectomy.....	1	0.0	0.1	*	0.0	0.1	*	0.0	0.2	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	147	12.9	12.1	2.8	18.4	17.2	3.6	20.4	21.2	3.5
CONDITIONS:										
Acute Myocardial Infarction.....	10	50.0	32.2	*	50.0	37.0	*	50.0	41.3	*
Congestive Heart Failure.....	7	28.6	16.7	*	42.9	26.1	*	42.9	34.2	*
Pneumonia/Influenza.....	18	5.6	14.8	*	5.6	20.6	*	5.6	25.0	*
Chronic Obstructive Pulmonary Disease.....	1	0.0	17.3	*	100.0	22.0	*	100.0	26.9	*
Transient Cerebral Ischemia.....	5	0.0	1.7	*	0.0	3.6	*	0.0	5.7	*
Stroke.....	10	20.0	22.5	*	40.0	29.3	*	40.0	34.8	*
Hip Fracture.....	1	100.0	17.1	*	100.0	26.7	*	100.0	32.0	*
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	6	0.0	0.9	*	0.0	2.3	*	0.0	3.9	*
Cholecystectomy.....	0									
Hysterectomy.....	3	0.0	0.5	*	0.0	0.8	*	0.0	1.2	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

KIOWA DISTRICT HOSPITAL

810 Drumm St
Kiowa, KS 67070

Medicare Provider Number: 170081

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	109	8.3	12.4	4.5	13.8	17.8	5.1	18.3	22.1	4.7
CONDITIONS:										
Acute Myocardial Infarction.....	7	14.3	37.6	*	28.6	42.3	*	28.6	46.4	*
Congestive Heart Failure.....	4	0.0	18.0	*	25.0	25.2	*	25.0	32.3	*
Pneumonia/Influenza.....	13	15.4	13.6	*	15.4	19.3	*	23.1	23.4	*
Chronic Obstructive Pulmonary Disease.....	0									
Transient Cerebral Ischemia.....	2	0.0	1.3	*	0.0	3.1	*	0.0	5.2	*
Stroke.....	7	28.6	25.3	*	28.6	31.7	*	42.9	36.4	*
Hip Fracture.....	0									
Sepsis.....	1	100.0	46.7	*	100.0	53.7	*	100.0	59.7	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	2	0.0	0.2	*	0.0	0.3	*	0.0	0.4	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 24
Occupancy Rate..... 25
Ownership/Control..... District/Authority

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 3
Percent of Physicians Board Certified Specialists..... 67
Medical Residents/Interns..... 0
Registered Nurses..... 11
Licensed Practical Nurses..... 0

SPECIALTY SERVICES:

Burn Unit..... No
Cardiac Intensive Care..... No
Comprehensive Geriatric..... No
Hospice Care..... No
Medical/Surgical Intensive Care..... No
Organ/Tissue Transplant..... No
Other Intensive Care..... No
Rehabilitation Unit..... No
Trauma Center..... No

** Not used in calculating hospital mortality rates.

KIOWA DISTRICT HOSPITAL
Medicare Provider Number: 170081

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FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	116	9.5	14.0	4.4	11.2	18.6	5.5	15.5	22.3	5.8
CONDITIONS:										
Acute Myocardial Infarction.....	12	33.3	39.9	*	33.3	43.7	*	33.3	47.6	*
Congestive Heart Failure.....	5	0.0	15.3	*	0.0	22.5	*	0.0	29.0	*
Pneumonia/Influenza.....	18	5.6	14.3	*	5.6	19.6	*	11.1	23.7	*
Chronic Obstructive Pulmonary Disease.....	0									
Transient Cerebral Ischemia.....	0									
Stroke.....	4	0.0	11.8	*	0.0	16.5	*	0.0	20.0	*
Hip Fracture.....	0									
Sepsis.....	3	66.7	27.0	*	66.7	32.4	*	66.7	38.2	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	113	15.0	12.4	4.1	18.6	16.9	3.8	22.1	20.5	4.1
CONDITIONS:										
Acute Myocardial Infarction.....	9	55.6	35.1	*	66.7	38.8	*	66.7	42.1	*
Congestive Heart Failure.....	3	33.3	13.4	*	33.3	18.8	*	33.3	24.1	*
Pneumonia/Influenza.....	17	17.6	12.3	*	29.4	17.3	*	29.4	21.4	*
Chronic Obstructive Pulmonary Disease.....	0									
Transient Cerebral Ischemia.....	1	0.0	1.4	*	0.0	2.4	*	0.0	3.5	*
Stroke.....	3	33.3	15.6	*	33.3	21.5	*	33.3	25.7	*
Hip Fracture.....	0									
Sepsis.....	2	0.0	18.7	*	0.0	25.6	*	0.0	30.6	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	2	0.0	8.1	*	0.0	15.2	*	0.0	19.1	*
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

LABETTE COUNTY MEDICAL CENTER

South Hwy 59
Parsons, KS 67357

Medicare Provider Number: 170120

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	987	7.9	8.3	1.2	12.4	12.6	1.5	15.3	16.0	1.3
CONDITIONS:										
Acute Myocardial Infarction.....	26	23.1	28.4	*	26.9	31.6	*	38.5	35.3	*
Congestive Heart Failure.....	35	31.4	16.1	*	37.1	25.4	*	40.0	33.0	*
Pneumonia/Influenza.....	116	11.2	15.9	6.9	16.4	21.8	7.3	22.4	26.5	5.8
Chronic Obstructive Pulmonary Disease.....	3	33.3	9.9	*	66.7	15.1	*	66.7	19.8	*
Transient Cerebral Ischemia.....	8	0.0	1.6	*	0.0	3.6	*	0.0	5.8	*
Stroke.....	37	32.4	26.2	*	37.8	33.2	*	37.8	37.8	*
Hip Fracture.....	37	2.7	4.8	*	5.4	9.3	*	8.1	12.8	*
Sepsis.....	7	14.3	25.6	*	14.3	32.9	*	28.6	38.6	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	3	0.0	1.7	*	0.0	3.5	*	0.0	5.3	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	38	0.0	1.6	*	0.0	3.2	*	0.0	4.6	*
Open Reduction of Hip Fracture.....	13	7.7	3.2	*	7.7	6.7	*	7.7	9.5	*
Prostatectomy.....	27	0.0	0.5	*	0.0	1.2	*	0.0	2.0	*
Cholecystectomy.....	25	0.0	2.1	*	0.0	3.5	*	0.0	4.3	*
Hysterectomy.....	8	0.0	0.1	*	0.0	0.3	*	0.0	0.4	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 56
Occupancy Rate..... 86
Ownership/Control..... Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 27
Percent of Physicians Board Certified Specialists..... 67
Medical Residents/Interns..... 0
Registered Nurses..... 89
Licensed Practical Nurses..... 7

SPECIALTY SERVICES:

Burn Unit..... No
Cardiac Intensive Care..... No
Comprehensive Geriatric..... No
Hospice Care..... No
Medical/Surgical Intensive Care..... Yes
Organ/Tissue Transplant..... No
Other Intensive Care..... No
Rehabilitation Unit..... No
Trauma Center..... No

** Not used in calculating hospital mortality rates.

LABETTE COUNTY MEDICAL CENTER

Medicare Provider Number: 170120

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	994	10.1	9.5	1.4	14.6	13.9	1.5	17.9	17.5	1.7
CONDITIONS:										
Acute Myocardial Infarction.....	38	31.6	31.6	*	34.2	35.4	*	36.8	39.3	*
Congestive Heart Failure.....	33	27.3	14.4	*	36.4	21.9	*	51.5	28.3	*
Pneumonia/Influenza.....	87	16.1	17.0	4.7	24.1	23.2	5.0	29.9	27.9	6.7
Chronic Obstructive Pulmonary Disease.....	6	0.0	5.7	*	0.0	9.2	*	0.0	13.0	*
Transient Cerebral Ischemia.....	4	0.0	1.5	*	0.0	3.2	*	0.0	5.0	*
Stroke.....	37	16.2	23.4	*	21.6	29.7	*	27.0	34.5	*
Hip Fracture.....	40	7.5	3.9	*	10.0	7.7	*	15.0	10.5	*
Sepsis.....	15	46.7	28.9	*	46.7	37.5	*	53.3	43.8	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	3	33.3	10.1	*	33.3	12.9	*	33.3	15.2	*
Carotid Endarterectomy.....	3	0.0	1.2	*	0.0	2.1	*	0.0	3.1	*
Hip Replacement/Reconstruction.....	25	8.0	1.9	*	8.0	4.0	*	12.0	5.6	*
Open Reduction of Hip Fracture.....	26	0.0	3.2	*	3.8	6.6	*	7.7	9.2	*
Prostatectomy.....	28	0.0	0.6	*	0.0	1.5	*	3.6	2.5	*
Cholecystectomy.....	31	3.2	2.8	*	6.5	5.5	*	9.7	7.3	*
Hysterectomy.....	8	0.0	0.3	*	0.0	0.5	*	0.0	0.7	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	1,039	9.6	9.2	1.4	14.1	13.7	1.3	18.1	17.3	1.4
CONDITIONS:										
Acute Myocardial Infarction.....	41	36.6	33.7	*	43.9	38.6	*	46.3	43.1	*
Congestive Heart Failure.....	33	30.3	16.1	*	33.3	24.2	*	33.3	31.2	*
Pneumonia/Influenza.....	75	6.7	14.2	6.7	9.3	19.4	7.8	16.0	23.8	7.5
Chronic Obstructive Pulmonary Disease.....	3	0.0	8.4	*	0.0	14.8	*	0.0	20.2	*
Transient Cerebral Ischemia.....	24	0.0	2.6	*	4.2	5.7	*	8.3	9.1	*
Stroke.....	36	33.3	21.9	*	38.9	28.6	*	50.0	33.7	*
Hip Fracture.....	36	8.3	5.0	*	19.4	9.6	*	22.2	13.0	*
Sepsis.....	19	10.5	21.5	*	21.1	29.2	*	21.1	34.9	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	6	0.0	1.9	*	0.0	3.9	*	0.0	6.0	*
Carotid Endarterectomy.....	3	0.0	1.4	*	0.0	2.5	*	0.0	3.5	*
Hip Replacement/Reconstruction.....	16	6.3	1.9	*	12.5	4.3	*	12.5	6.6	*
Open Reduction of Hip Fracture.....	25	4.0	3.4	*	16.0	7.0	*	16.0	9.7	*
Prostatectomy.....	21	0.0	0.5	*	4.8	1.3	*	4.8	2.1	*
Cholecystectomy.....	29	0.0	2.3	*	3.4	4.3	*	3.4	5.7	*
Hysterectomy.....	11	0.0	0.4	*	0.0	0.9	*	0.0	1.6	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

LANE COUNTY HOSPITAL

243 S Second Box 969

Dighton, KS 67839

Medicare Provider Number: 170108

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	37	29.7	13.6	*	32.4	19.5	*	35.1	24.4	*
CONDITIONS:										
Acute Myocardial Infarction.....	4	25.0	16.8	*	25.0	21.3	*	25.0	25.0	*
Congestive Heart Failure.....	0									
Pneumonia/Influenza.....	1	0.0	8.3	*	100.0	12.0	*	100.0	15.1	*
Chronic Obstructive Pulmonary Disease.....	0									
Transient Cerebral Ischemia.....	0									
Stroke.....	5	20.0	18.8	*	20.0	26.1	*	20.0	31.0	*
Hip Fracture.....	1	100.0	14.3	*	100.0	33.5	*	100.0	50.9	*
Sepsis.....	2	0.0	21.4	*	0.0	27.9	*	0.0	33.8	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	1	0.0	0.9	*	0.0	1.9	*	0.0	2.7	*
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1988

Total Beds..... 31
 Occupancy Rate..... 74
 Ownership/Control..... Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 3
 Percent of Physicians Board Certified Specialists..... 100
 Medical Residents/Interns..... (Not Available)
 Registered Nurses..... (Not Available)
 Licensed Practical Nurses..... (Not Available)

SPECIALTY SERVICES:

Burn Unit..... No
 Cardiac Intensive Care..... No
 Comprehensive Geriatric..... No
 Hospice Care..... Yes
 Medical/Surgical Intensive Care..... No
 Organ/Tissue Transplant..... No
 Other Intensive Care..... No
 Rehabilitation Unit..... No
 Trauma Center..... No

** Not used in calculating hospital mortality rates.

LANE COUNTY HOSPITAL

Medicare Provider Number: 170108

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	45	13.3	12.9	*	15.6	16.9	*	17.8	20.4	*
CONDITIONS:										
Acute Myocardial Infarction.....	4	25.0	29.2	*	25.0	32.6	*	50.0	36.1	*
Congestive Heart Failure.....	3	0.0	16.0	*	0.0	24.1	*	0.0	31.5	*
Pneumonia/Influenza.....	3	0.0	10.7	*	0.0	15.1	*	0.0	18.9	*
Chronic Obstructive Pulmonary Disease.....	0									
Transient Cerebral Ischemia.....	0									
Stroke.....	2	0.0	13.8	*	0.0	19.7	*	0.0	24.2	*
Hip Fracture.....	0									
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	28	14.3	10.8	*	14.3	15.5	*	17.9	19.4	*
CONDITIONS:										
Acute Myocardial Infarction.....	4	0.0	20.0	*	0.0	23.4	*	0.0	26.9	*
Congestive Heart Failure.....	1	0.0	13.1	*	0.0	20.1	*	0.0	26.2	*
Pneumonia/Influenza.....	1	0.0	8.6	*	0.0	12.2	*	0.0	15.5	*
Chronic Obstructive Pulmonary Disease.....	2	0.0	6.4	*	0.0	11.2	*	0.0	14.7	*
Transient Cerebral Ischemia.....	1	0.0	1.5	*	0.0	2.9	*	0.0	4.5	*
Stroke.....	3	0.0	19.5	*	0.0	26.4	*	33.3	31.5	*
Hip Fracture.....	0									
Sepsis.....	4	75.0	23.8	*	75.0	34.3	*	75.0	41.4	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

LAWRENCE MEMORIAL HOSPITAL

325 Maine St
Lawrence, KS 66044

Medicare Provider Number: 170137

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,332	10.8	9.0	1.4	14.9	13.8	1.2	17.9	17.5	1.3
CONDITIONS:										
Acute Myocardial Infarction.....	37	43.2	29.4	*	45.9	33.1	*	54.1	36.8	*
Congestive Heart Failure.....	62	19.4	15.3	5.9	27.4	24.1	7.6	38.7	31.3	9.7
Pneumonia/Influenza.....	63	20.6	15.8	8.1	27.0	22.0	10.6	33.3	26.7	10.2
Chronic Obstructive Pulmonary Disease.....	21	4.8	8.2	*	4.8	12.7	*	9.5	17.1	*
Transient Cerebral Ischemia.....	18	11.1	2.1	*	16.7	4.8	*	16.7	7.8	*
Stroke.....	42	21.4	21.2	*	26.2	28.9	*	26.2	33.7	*
Hip Fracture.....	67	6.0	7.6	4.0	9.0	13.5	4.9	10.4	17.4	6.2
Sepsis.....	16	25.0	28.6	*	31.3	37.3	*	37.5	43.5	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	6	16.7	5.1	*	16.7	8.2	*	16.7	10.4	*
Carotid Endarterectomy.....	1	0.0	0.8	*	0.0	1.4	*	0.0	2.0	*
Hip Replacement/Reconstruction.....	48	4.2	4.5	*	4.2	8.4	*	6.3	11.1	*
Open Reduction of Hip Fracture.....	29	6.9	7.4	*	10.3	13.5	*	10.3	17.5	*
Prostatectomy.....	35	0.0	0.8	*	2.9	1.9	*	2.9	3.2	*
Cholecystectomy.....	29	3.4	2.3	*	3.4	4.0	*	3.4	5.1	*
Hysterectomy.....	11	0.0	0.7	*	0.0	1.7	*	0.0	2.8	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 200
Occupancy Rate..... 45
Ownership/Control..... Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 70
Percent of Physicians Board Certified Specialists..... 71
Medical Residents/Interns..... 0
Registered Nurses..... 107
Licensed Practical Nurses..... 31

SPECIALTY SERVICES:

Burn Unit..... No
Cardiac Intensive Care..... No
Comprehensive Geriatric..... No
Hospice Care..... No
Medical/Surgical Intensive Care..... Yes
Organ/Tissue Transplant..... No
Other Intensive Care..... No
Rehabilitation Unit..... No
Trauma Center..... No

** Not used in calculating hospital mortality rates.

LAWRENCE MEMORIAL HOSPITAL

Medicare Provider Number: 170137

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,342	9.7	8.4	1.4	14.0	13.2	1.4	17.1	16.9	1.2
CONDITIONS:										
Acute Myocardial Infarction.....	37	32.4	24.5	*	37.8	28.0	*	43.2	31.5	*
Congestive Heart Failure.....	48	18.8	13.3	*	31.3	20.3	*	31.3	26.4	*
Pneumonia/Influenza.....	57	17.5	14.4	7.2	31.6	19.9	8.9	35.1	24.1	9.3
Chronic Obstructive Pulmonary Disease.....	23	4.3	4.5	*	4.3	9.5	*	13.0	14.0	*
Transient Cerebral Ischemia.....	25	4.0	2.1	*	8.0	4.8	*	8.0	7.6	*
Stroke.....	49	36.7	20.7	*	44.9	28.7	*	57.1	33.8	*
Hip Fracture.....	63	4.8	6.4	3.5	4.8	12.2	5.6	6.3	16.2	7.1
Sepsis.....	22	18.2	26.3	*	27.3	34.9	*	27.3	40.9	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	6	16.7	4.2	*	16.7	7.7	*	16.7	10.9	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	33	0.0	3.7	*	0.0	7.3	*	0.0	9.7	*
Open Reduction of Hip Fracture.....	30	3.3	5.9	*	3.3	11.9	*	6.7	16.2	*
Prostatectomy.....	36	0.0	1.6	*	0.0	3.2	*	0.0	5.1	*
Cholecystectomy.....	15	6.7	2.7	*	6.7	5.1	*	6.7	6.8	*
Hysterectomy.....	9	0.0	0.6	*	0.0	1.1	*	0.0	1.6	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,212	10.9	9.2	1.0	16.7	13.8	1.5	20.8	17.5	1.5
CONDITIONS:										
Acute Myocardial Infarction.....	40	25.0	30.5	*	35.0	34.4	*	40.0	38.6	*
Congestive Heart Failure.....	60	25.0	18.6	9.6	35.0	27.7	13.6	41.7	35.1	13.0
Pneumonia/Influenza.....	49	20.4	16.1	*	30.6	22.7	*	36.7	27.7	*
Chronic Obstructive Pulmonary Disease.....	26	19.2	6.6	*	26.9	12.0	*	26.9	16.5	*
Transient Cerebral Ischemia.....	19	5.3	1.9	*	10.5	4.1	*	10.5	6.5	*
Stroke.....	41	34.1	27.2	*	39.0	35.0	*	46.3	40.0	*
Hip Fracture.....	58	6.9	5.9	4.9	13.8	11.0	5.4	15.5	14.5	5.0
Sepsis.....	21	23.8	25.3	*	33.3	35.3	*	42.9	42.5	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	9	22.2	4.4	*	33.3	8.7	*	33.3	12.4	*
Carotid Endarterectomy.....	1	0.0	1.4	*	0.0	2.6	*	0.0	3.8	*
Hip Replacement/Reconstruction.....	38	0.0	4.1	*	5.3	8.0	*	5.3	10.9	*
Open Reduction of Hip Fracture.....	26	11.5	4.9	*	15.4	9.6	*	19.2	12.9	*
Prostatectomy.....	38	0.0	1.4	*	0.0	3.3	*	0.0	5.4	*
Cholecystectomy.....	16	12.5	3.1	*	18.8	6.1	*	18.8	8.2	*
Hysterectomy.....	13	7.7	0.7	*	7.7	1.2	*	7.7	1.6	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

LINCOLN COUNTY HOSPITAL

624 N 2nd St
Lincoln, KS 67455

Medicare Provider Number: 170056

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	167	11.4	11.3	2.5	16.8	16.5	3.1	21.0	20.8	3.7
CONDITIONS:										
Acute Myocardial Infarction.....	9	33.3	20.3	*	44.4	25.1	*	66.7	29.5	*
Congestive Heart Failure.....	6	0.0	21.9	*	16.7	33.5	*	16.7	42.2	*
Pneumonia/Influenza.....	19	15.8	16.7	*	21.1	23.2	*	31.6	28.5	*
Chronic Obstructive Pulmonary Disease.....	2	0.0	8.0	*	0.0	19.9	*	0.0	32.3	*
Transient Cerebral Ischemia.....	4	0.0	2.2	*	0.0	4.9	*	0.0	8.0	*
Stroke.....	7	14.3	22.5	*	14.3	29.3	*	14.3	34.2	*
Hip Fracture.....	0									
Sepsis.....	1	0.0	48.5	*	100.0	54.6	*	100.0	61.6	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 34
Occupancy Rate..... 71
Ownership/Control..... Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 2
Percent of Physicians Board Certified Specialists.....(Not Available)
Medical Residents/Interns..... 0
Registered Nurses..... 4
Licensed Practical Nurses..... 3

SPECIALTY SERVICES:

Burn Unit..... No
Cardiac Intensive Care..... No
Comprehensive Geriatric..... No
Hospice Care..... No
Medical/Surgical Intensive Care..... No
Organ/Tissue Transplant..... No
Other Intensive Care..... No
Rehabilitation Unit..... No
Trauma Center..... No

** Not used in calculating hospital mortality rates.

LINCOLN COUNTY HOSPITAL

Medicare Provider Number: 170056

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	161	13.0	12.4	2.9	18.0	18.0	3.5	23.0	22.4	3.4
CONDITIONS:										
Acute Myocardial Infarction.....	6	16.7	19.8	*	33.3	24.8	*	50.0	28.8	*
Congestive Heart Failure.....	9	11.1	20.6	*	11.1	29.8	*	22.2	37.1	*
Pneumonia/Influenza.....	27	7.4	19.3	*	11.1	26.4	*	14.8	31.9	*
Chronic Obstructive Pulmonary Disease.....	2	0.0	9.0	*	0.0	21.3	*	0.0	32.8	*
Transient Cerebral Ischemia.....	4	25.0	1.6	*	25.0	3.5	*	25.0	5.5	*
Stroke.....	5	0.0	20.8	*	40.0	30.0	*	60.0	36.3	*
Hip Fracture.....	0									
Sepsis.....	3	0.0	31.2	*	0.0	36.6	*	0.0	43.1	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	129	12.4	11.9	3.0	17.8	17.5	3.4	20.9	22.2	3.9
CONDITIONS:										
Acute Myocardial Infarction.....	4	50.0	32.7	*	50.0	37.4	*	50.0	41.2	*
Congestive Heart Failure.....	11	0.0	22.0	*	18.2	31.7	*	36.4	39.5	*
Pneumonia/Influenza.....	19	26.3	20.5	*	26.3	28.0	*	31.6	33.6	*
Chronic Obstructive Pulmonary Disease.....	3	33.3	5.6	*	33.3	11.6	*	66.7	17.4	*
Transient Cerebral Ischemia.....	2	0.0	2.4	*	0.0	5.3	*	0.0	8.6	*
Stroke.....	4	0.0	18.1	*	25.0	26.0	*	25.0	31.6	*
Hip Fracture.....	0									
Sepsis.....	3	0.0	28.6	*	0.0	33.5	*	0.0	38.4	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

LINDSBORG COMMUNITY HOSPITAL

605 W Lincoln St
Lindsborg, KS 67456

Medicare Provider Number: 170101

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	194	12.4	10.2	3.9	19.6	15.0	4.9	22.7	18.7	5.3
CONDITIONS:										
Acute Myocardial Infarction.....	9	22.2	31.8	*	22.2	36.8	*	33.3	41.2	*
Congestive Heart Failure.....	7	0.0	14.6	*	0.0	22.7	*	14.3	29.3	*
Pneumonia/Influenza.....	27	18.5	16.0	*	25.9	22.2	*	25.9	26.2	*
Chronic Obstructive Pulmonary Disease.....	1	0.0	3.5	*	0.0	6.5	*	0.0	9.3	*
Transient Cerebral Ischemia.....	2	0.0	1.6	*	0.0	3.7	*	0.0	5.9	*
Stroke.....	9	44.4	18.1	*	66.7	26.1	*	77.8	30.9	*
Hip Fracture.....	6	16.7	9.9	*	16.7	17.0	*	33.3	21.1	*
Sepsis.....	5	100.0	30.6	*	100.0	37.7	*	100.0	44.8	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	2	50.0	4.5	*	50.0	9.8	*	50.0	14.0	*
Open Reduction of Hip Fracture.....	1	0.0	12.0	*	0.0	20.5	*	100.0	24.9	*
Prostatectomy.....	0									
Cholecystectomy.....	5	0.0	0.9	*	0.0	1.4	*	0.0	1.8	*
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 39
Occupancy Rate..... 31
Ownership/Control..... Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 3
Percent of Physicians Board Certified Specialists..... 67
Medical Residents/Interns..... 0
Registered Nurses..... 10
Licensed Practical Nurses..... 7

SPECIALTY SERVICES:

Burn Unit..... No
Cardiac Intensive Care..... No
Comprehensive Geriatric..... No
Hospice Care..... No
Medical/Surgical Intensive Care..... No
Organ/Tissue Transplant..... No
Other Intensive Care..... No
Rehabilitation Unit..... No
Trauma Center..... No

** Not used in calculating hospital mortality rates.

LINDSBORG COMMUNITY HOSPITAL

Medicare Provider Number: 170101

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	220	9.5	9.7	2.0	14.1	14.0	2.3	16.4	17.4	2.7
CONDITIONS:										
Acute Myocardial Infarction.....	7	42.9	34.6	*	42.9	38.8	*	42.9	42.9	*
Congestive Heart Failure.....	8	12.5	16.4	*	12.5	25.9	*	25.0	33.4	*
Pneumonia/Influenza.....	23	17.4	17.6	*	26.1	24.1	*	26.1	28.9	*
Chronic Obstructive Pulmonary Disease.....	6	0.0	4.3	*	0.0	8.0	*	16.7	11.4	*
Transient Cerebral Ischemia.....	1	0.0	1.2	*	0.0	2.6	*	0.0	3.9	*
Stroke.....	5	40.0	22.6	*	60.0	31.0	*	60.0	36.2	*
Hip Fracture.....	6	0.0	6.0	*	0.0	10.7	*	0.0	13.8	*
Sepsis.....	9	11.1	33.3	*	22.2	43.1	*	22.2	50.0	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	3	0.0	5.8	*	0.0	10.5	*	0.0	13.2	*
Open Reduction of Hip Fracture.....	2	0.0	5.1	*	0.0	10.0	*	0.0	13.5	*
Prostatectomy.....	0									
Cholecystectomy.....	8	0.0	2.6	*	0.0	5.2	*	0.0	6.9	*
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	242	13.2	7.7	2.5	19.8	12.1	3.4	22.7	15.6	3.4
CONDITIONS:										
Acute Myocardial Infarction.....	7	57.1	15.8	*	57.1	18.4	*	57.1	21.1	*
Congestive Heart Failure.....	9	11.1	16.1	*	22.2	25.7	*	22.2	33.1	*
Pneumonia/Influenza.....	19	31.6	15.2	*	42.1	21.9	*	47.4	26.7	*
Chronic Obstructive Pulmonary Disease.....	3	33.3	4.7	*	33.3	8.4	*	33.3	11.5	*
Transient Cerebral Ischemia.....	7	0.0	1.8	*	0.0	3.8	*	0.0	6.0	*
Stroke.....	8	50.0	19.2	*	50.0	28.6	*	50.0	34.1	*
Hip Fracture.....	5	0.0	4.0	*	40.0	8.1	*	40.0	11.1	*
Sepsis.....	2	0.0	28.6	*	0.0	33.3	*	0.0	38.9	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	1	0.0	1.7	*	0.0	3.5	*	0.0	4.9	*
Open Reduction of Hip Fracture.....	1	0.0	4.8	*	100.0	10.4	*	100.0	14.7	*
Prostatectomy.....	0									
Cholecystectomy.....	9	11.1	2.7	*	11.1	5.0	*	11.1	6.3	*
Hysterectomy.....	3	0.0	1.8	*	0.0	4.8	*	0.0	8.8	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

THE LINDSBORG COMMUNITY HOSPITAL ASSOCIATION

605 West Lincoln
Lindsborg, Kansas 67456
Phone 913-227-3308

DIRECTORS:

December 31, 1990

JOEL WOODARD
President,
Lindsborg, Kansas

Health Care Financing Administration
Health Standards and Quality Bureau
Attention: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

JAY SCOTT EMLER
Vice-President,
Lindsborg, Kansas

CHARLES OLEEN
Treasurer,
Falun, Kansas

IONE TOLL
Secretary,
Lindsborg, Kansas

Mrs. Kappert:

KENDALL CARLSON
Assaria, Kansas

I would like to take this opportunity to respond to HCFA's mortality statistics for the Lindsborg Community Hospital for 1989.

MELISSA HOUSE, DDS
Smolan, Kansas

ANN LARSON
Lindsborg, Kansas

The data gathered and the methodologies applied appear to be more accurate and fair than in the previous years. However, the analysis is still unable to account for deviations in acuity and the population base in patient mortality.

MARLYSUE HOLMQUIST
Smolan, Kansas

MARK LYSELL
Lindsborg, Kansas

I have identified some hospital specific demographics that are significant to prompt response. They are:

LINCOLN SMITH
Marquette, Kansas

ADMINISTRATIVE STAFF:

BRENDA S. O'GORMAN
Administrator

Of the 52 deaths identified in HCFA's report, 31 were inhouse when they expired.

Breakdown by categories of acute, skilled nursing, intermediate nursing for the 31 of the 52 deaths were as follows:

-22 died in acute.

-7 deaths were within 24 hours of admission and 71.4% were expected deaths. The average age was 78.3.

-Of the other 15 acute deaths, 66.6% were expected deaths. The average age was 84.

-8 died in our skilled nursing facility. These were all expected deaths. The average age was 82.9.

-1 died in our intermediate nursing facility. The death was expected and the age was 70.

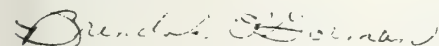
21 of the 52 deaths that occurred were patients who were dismissed to return either to area long term care facilities or their own homes. The average age was 79.8.

In summary, the hospital serves the upper range of the aging patients. Overall, the average age of patients who died was 82.7 and 65.4% of these deaths were expected outcomes for these terminally ill. The remainder of deaths were of patients of advanced age with complications and/or comorbid conditions.

Health Care Financing Administration
December 31, 1990
Page 2

Finally, the HCFA mortality statistics for our hospital were within the normal range. However, while the HCFA mortality data is a useful tool, it is no way indicative of the quality of patient care given at our hospital. The Lindsborg Community Hospital prides itself in delivering quality health care service in both our acute and post acute settings that benefits both the patient and family.

Sincerely,



Brenda O'Gorman
Administrator

BO'G/lk

LOGAN COUNTY HOSPITAL

211 Cherry St
Oakley, KS 67748

Medicare Provider Number: 170134

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	122	7.4	9.6	3.5	13.1	14.4	5.1	14.8	18.4	4.6
CONDITIONS:										
Acute Myocardial Infarction.....	5	20.0	30.6	*	20.0	33.9	*	20.0	37.5	*
Congestive Heart Failure.....	8	0.0	11.7	*	12.5	18.4	*	12.5	24.3	*
Pneumonia/Influenza.....	4	0.0	21.3	*	0.0	27.9	*	0.0	33.0	*
Chronic Obstructive Pulmonary Disease.....	6	16.7	6.2	*	16.7	11.5	*	16.7	16.4	*
Transient Cerebral Ischemia.....	0									
Stroke.....	6	16.7	18.5	*	33.3	24.8	*	33.3	29.3	*
Hip Fracture.....	1	0.0	3.8	*	0.0	7.6	*	0.0	11.0	*
Sepsis.....	3	0.0	14.6	*	0.0	18.3	*	0.0	22.2	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	1	0.0	0.2	*	0.0	0.2	*	0.0	0.4	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 39
Occupancy Rate..... 39
Ownership/Control..... Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 18
Percent of Physicians Board Certified Specialists..... 100
Medical Residents/Interns..... (Not Available)
Registered Nurses..... (Not Available)
Licensed Practical Nurses..... (Not Available)

SPECIALTY SERVICES:

Burn Unit..... No
Cardiac Intensive Care..... No
Comprehensive Geriatric..... No
Hospice Care..... No
Medical/Surgical Intensive Care..... Yes
Organ/Tissue Transplant..... No
Other Intensive Care..... No
Rehabilitation Unit..... No
Trauma Center..... No

** Not used in calculating hospital mortality rates.

LOGAN COUNTY HOSPITAL

Medicare Provider Number: 170134

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	119	5.9	10.4	3.8	9.2	15.4	5.1	11.8	19.5	5.4
CONDITIONS:										
Acute Myocardial Infarction.....	6	50.0	24.4	*	50.0	28.2	*	50.0	31.9	*
Congestive Heart Failure.....	4	25.0	21.6	*	25.0	32.9	*	25.0	41.2	*
Pneumonia/Influenza.....	21	4.8	18.4	*	14.3	24.6	*	19.0	29.2	*
Chronic Obstructive Pulmonary Disease.....	4	0.0	11.1	*	0.0	16.0	*	0.0	20.1	*
Transient Cerebral Ischemia.....	0									
Stroke.....	5	0.0	19.8	*	0.0	27.2	*	0.0	31.8	*
Hip Fracture.....	0									
Sepsis.....	1	0.0	21.0	*	0.0	31.6	*	0.0	38.4	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	1	0.0	0.1	*	0.0	0.2	*	0.0	0.3	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	107	11.2	10.5	5.1	16.8	15.7	4.8	22.4	20.0	5.2
CONDITIONS:										
Acute Myocardial Infarction.....	8	62.5	23.5	*	62.5	27.5	*	62.5	31.3	*
Congestive Heart Failure.....	11	27.3	17.2	*	36.4	26.2	*	36.4	33.3	*
Pneumonia/Influenza.....	10	10.0	14.3	*	20.0	19.5	*	40.0	23.5	*
Chronic Obstructive Pulmonary Disease.....	4	0.0	4.9	*	0.0	9.7	*	25.0	14.4	*
Transient Cerebral Ischemia.....	0									
Stroke.....	7	14.3	23.1	*	14.3	30.4	*	14.3	35.1	*
Hip Fracture.....	0									
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	1	0.0	2.6	*	0.0	4.8	*	0.0	6.0	*
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

MAUDE NORTON MEMORIAL CITY HOSPITAL

220 N Pennsylvania
Columbus, KS 66725

Medicare Provider Number: 170043

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	168	16.7	12.0	3.5	23.2	17.7	4.1	26.2	22.3	3.9
CONDITIONS:										
Acute Myocardial Infarction.....	7	0.0	27.2	*	0.0	30.8	*	0.0	34.0	*
Congestive Heart Failure.....	11	36.4	15.0	*	36.4	23.9	*	45.5	31.4	*
Pneumonia/Influenza.....	32	18.8	17.6	*	25.0	24.0	*	28.1	29.0	*
Chronic Obstructive Pulmonary Disease.....	0									
Transient Cerebral Ischemia.....	7	0.0	1.9	*	0.0	4.4	*	14.3	7.1	*
Stroke.....	3	33.3	16.7	*	66.7	22.4	*	66.7	26.6	*
Hip Fracture.....	0									
Sepsis.....	2	0.0	28.6	*	0.0	33.4	*	0.0	38.6	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	1	0.0	0.2	*	0.0	0.4	*	0.0	0.7	*
Cholecystectomy.....	1	0.0	3.7	*	0.0	5.5	*	0.0	7.1	*
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 39
Occupancy Rate..... 26
Ownership/Control..... Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 21
Percent of Physicians Board Certified Specialists..... 76
Medical Residents/Interns..... 0
Registered Nurses..... 12
Licensed Practical Nurses..... 0

SPECIALTY SERVICES:

Burn Unit..... No
Cardiac Intensive Care..... No
Comprehensive Geriatric..... No
Hospice Care..... No
Medical/Surgical Intensive Care..... No
Organ/Tissue Transplant..... No
Other Intensive Care..... No
Rehabilitation Unit..... No
Trauma Center..... No

** Not used in calculating hospital mortality rates.

MAUDE NORTON MEMORIAL CITY HOSPITAL

Medicare Provider Number: 170043

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	188	12.2	10.4	2.4	16.0	16.0	2.8	19.1	20.4	3.0
CONDITIONS:										
Acute Myocardial Infarction.....	7	28.6	18.1	*	28.6	21.7	*	28.6	25.4	*
Congestive Heart Failure.....	16	25.0	19.1	*	31.3	29.2	*	37.5	37.0	*
Pneumonia/Influenza.....	16	12.5	17.2	*	12.5	23.1	*	18.8	27.6	*
Chronic Obstructive Pulmonary Disease.....	3	0.0	4.4	*	0.0	8.9	*	0.0	12.7	*
Transient Cerebral Ischemia.....	6	0.0	3.3	*	0.0	7.8	*	0.0	12.7	*
Stroke.....	9	22.2	19.2	*	33.3	27.0	*	44.4	31.9	*
Hip Fracture.....	0									
Sepsis.....	1	0.0	32.4	*	0.0	37.9	*	0.0	44.2	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	1	0.0	0.6	*	0.0	1.5	*	0.0	2.6	*
Cholecystectomy.....	4	25.0	1.7	*	25.0	2.9	*	25.0	3.7	*
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	180	11.1	12.2	2.5	16.1	18.1	3.7	17.8	22.8	4.3
CONDITIONS:										
Acute Myocardial Infarction.....	9	11.1	29.8	*	22.2	35.2	*	22.2	39.6	*
Congestive Heart Failure.....	8	12.5	22.7	*	25.0	32.6	*	25.0	40.3	*
Pneumonia/Influenza.....	20	20.0	16.5	*	25.0	23.1	*	25.0	28.4	*
Chronic Obstructive Pulmonary Disease.....	1	0.0	6.4	*	0.0	14.1	*	0.0	21.9	*
Transient Cerebral Ischemia.....	1	0.0	2.1	*	0.0	3.8	*	0.0	5.6	*
Stroke.....	13	15.4	17.5	*	15.4	23.9	*	23.1	28.3	*
Hip Fracture.....	0									
Sepsis.....	3	0.0	30.2	*	0.0	37.9	*	0.0	45.1	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	1	0.0	0.4	*	0.0	0.9	*	0.0	1.5	*
Cholecystectomy.....	0									
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

MEADE DISTRICT HOSPITAL

510 E Carthage
Meade, KS 67864

Medicare Provider Number: 170055

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	136	8.1	7.3	3.3	11.0	11.4	3.1	13.2	14.7	3.5
CONDITIONS:										
Acute Myocardial Infarction.....	1	0.0	31.3	*	0.0	34.3	*	0.0	37.0	*
Congestive Heart Failure.....	5	20.0	14.4	*	20.0	24.1	*	20.0	31.5	*
Pneumonia/Influenza.....	4	25.0	15.9	*	25.0	22.7	*	25.0	28.2	*
Chronic Obstructive Pulmonary Disease.....	1	0.0	1.5	*	0.0	2.9	*	0.0	4.0	*
Transient Cerebral Ischemia.....	3	33.3	3.7	*	33.3	8.3	*	66.7	13.1	*
Stroke.....	5	40.0	23.5	*	40.0	31.3	*	40.0	36.4	*
Hip Fracture.....	0									
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	9	0.0	0.6	*	0.0	1.5	*	0.0	2.5	*
Cholecystectomy.....	4	0.0	0.7	*	0.0	1.2	*	0.0	1.7	*
Hysterectomy.....	1	0.0	0.2	*	0.0	0.4	*	0.0	0.5	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 26
Occupancy Rate..... 31
Ownership/Control..... Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 2
Percent of Physicians Board Certified Specialists..... (Not Available)
Medical Residents/Interns..... 0
Registered Nurses..... 9
Licensed Practical Nurses..... 2

SPECIALTY SERVICES:

Burn Unit..... No
Cardiac Intensive Care..... No
Comprehensive Geriatric..... Yes
Hospice Care..... No
Medical/Surgical Intensive Care..... No
Organ/Tissue Transplant..... No
Other Intensive Care..... No
Rehabilitation Unit..... No
Trauma Center..... No

** Not used in calculating hospital mortality rates.

MEADE DISTRICT HOSPITAL

Medicare Provider Number: 170055

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	135	12.6	9.4	3.1	16.3	13.5	3.5	19.3	16.7	4.3
CONDITIONS:										
Acute Myocardial Infarction.....	3	33.3	22.0	*	33.3	24.7	*	33.3	28.0	*
Congestive Heart Failure.....	8	25.0	15.7	*	50.0	22.2	*	50.0	28.6	*
Pneumonia/Influenza.....	16	31.3	22.4	*	37.5	29.9	*	43.8	35.2	*
Chronic Obstructive Pulmonary Disease.....	2	50.0	25.1	*	50.0	34.2	*	50.0	41.1	*
Transient Cerebral Ischemia.....	2	0.0	1.4	*	0.0	2.9	*	0.0	4.4	*
Stroke.....	4	25.0	28.4	*	25.0	37.3	*	75.0	43.2	*
Hip Fracture.....	1	0.0	5.0	*	100.0	9.1	*	100.0	11.8	*
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	4	0.0	0.7	*	0.0	1.8	*	0.0	3.2	*
Cholecystectomy.....	7	0.0	0.8	*	0.0	1.4	*	0.0	1.9	*
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	104	9.6	7.7	3.0	14.4	11.4	3.6	18.3	14.7	4.6
CONDITIONS:										
Acute Myocardial Infarction.....	2	50.0	20.6	*	50.0	24.3	*	50.0	28.9	*
Congestive Heart Failure.....	7	14.3	18.8	*	14.3	26.4	*	14.3	32.9	*
Pneumonia/Influenza.....	5	0.0	10.5	*	0.0	15.3	*	0.0	19.1	*
Chronic Obstructive Pulmonary Disease.....	0									
Transient Cerebral Ischemia.....	3	0.0	1.9	*	33.3	4.2	*	33.3	6.7	*
Stroke.....	5	33.3	19.1	*	33.3	24.0	*	33.3	28.1	*
Hip Fracture.....	0									
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	1	0.0	0.7	*	0.0	1.3	*	0.0	2.1	*
Cholecystectomy.....	2	0.0	1.2	*	50.0	1.9	*	50.0	2.4	*
Hysterectomy.....	1	0.0	0.0	*	0.0	0.1	*	0.0	0.2	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

MEDICINE LODGE MEMORIAL HOSPITAL

710 N Walnut St
Medicine Lodge, KS 67104

Medicare Provider Number: 170102

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	183	7.7	11.2	3.0	10.9	16.6	3.6	15.8	20.6	3.6
CONDITIONS:										
Acute Myocardial Infarction.....	6	16.7	29.8	*	16.7	36.2	*	16.7	40.8	*
Congestive Heart Failure.....	7	14.3	15.2	*	14.3	24.0	*	14.3	31.5	*
Pneumonia/Influenza.....	43	2.3	12.9	*	9.3	17.4	*	11.6	21.1	*
Chronic Obstructive Pulmonary Disease.....	0									
Transient Cerebral Ischemia.....	7	0.0	1.7	*	14.3	3.8	*	14.3	6.0	*
Stroke.....	6	33.3	21.7	*	33.3	27.8	*	33.3	32.5	*
Hip Fracture.....	2	50.0	6.8	*	50.0	13.6	*	50.0	19.3	*
Sepsis.....	1	0.0	37.1	*	0.0	61.9	*	0.0	74.2	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	1	0.0	0.7	*	0.0	1.6	*	0.0	2.3	*
Hysterectomy.....	2	0.0	0.2	*	0.0	0.4	*	0.0	0.5	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1988

Total Beds..... 42
Occupancy Rate..... 26
Ownership/Control..... District/Authority

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 3
Percent of Physicians Board Certified Specialists..... 33
Medical Residents/Interns..... 0
Registered Nurses..... 15
Licensed Practical Nurses..... 1

SPECIALTY SERVICES:

Burn Unit..... No
Cardiac Intensive Care..... No
Comprehensive Geriatric..... No
Hospice Care..... No
Medical/Surgical Intensive Care..... No
Organ/Tissue Transplant..... No
Other Intensive Care..... No
Rehabilitation Unit..... No
Trauma Center..... No

** Not used in calculating hospital mortality rates.

MEDICINE LODGE MEMORIAL HOSPITAL

Medicare Provider Number: 170102

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	195	8.7	9.2	2.4	10.3	13.9	3.3	13.3	17.7	3.8
CONDITIONS:										
Acute Myocardial Infarction.....	4	75.0	34.8	*	75.0	38.5	*	75.0	43.1	*
Congestive Heart Failure.....	10	30.0	16.2	*	30.0	25.8	*	40.0	33.4	*
Pneumonia/Influenza.....	30	6.7	13.5	*	10.0	18.6	*	10.0	22.6	*
Chronic Obstructive Pulmonary Disease.....	0									
Transient Cerebral Ischemia.....	4	0.0	2.3	*	0.0	5.5	*	0.0	9.0	*
Stroke.....	6	16.7	26.6	*	16.7	35.5	*	33.3	41.1	*
Hip Fracture.....	0									
Sepsis.....	2	0.0	43.1	*	50.0	55.0	*	100.0	62.3	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	1	0.0	0.5	*	0.0	1.3	*	0.0	2.1	*
Cholecystectomy.....	4	0.0	1.8	*	0.0	3.2	*	0.0	4.2	*
Hysterectomy.....	1	0.0	0.8	*	0.0	1.3	*	0.0	1.6	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	201	8.5	9.1	2.3	10.9	13.6	3.4	14.4	17.3	3.8
CONDITIONS:										
Acute Myocardial Infarction.....	4	50.0	20.5	*	50.0	23.1	*	50.0	26.3	*
Congestive Heart Failure.....	6	16.7	17.2	*	16.7	25.5	*	16.7	32.4	*
Pneumonia/Influenza.....	29	3.4	14.6	*	3.4	19.9	*	10.3	24.2	*
Chronic Obstructive Pulmonary Disease.....	1	0.0	4.3	*	0.0	8.4	*	0.0	11.9	*
Transient Cerebral Ischemia.....	2	0.0	1.9	*	0.0	4.1	*	50.0	6.3	*
Stroke.....	8	12.5	21.1	*	37.5	28.3	*	37.5	33.9	*
Hip Fracture.....	0									
Sepsis.....	2	0.0	21.6	*	0.0	32.7	*	0.0	40.8	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	1	0.0	0.4	*	0.0	0.8	*	0.0	1.3	*
Cholecystectomy.....	3	0.0	1.8	*	0.0	3.0	*	0.0	4.0	*
Hysterectomy.....	1	0.0	1.8	*	0.0	3.2	*	0.0	4.3	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

MEMORIAL HOSPITAL

1105 Sunset
Manhattan, KS 66502

Medicare Provider Number: 170037

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	189	11.1	7.0	3.9	15.3	11.1	4.8	17.5	14.5	5.3
CONDITIONS:										
Acute Myocardial Infarction.....	9	11.1	25.9	*	22.2	28.8	*	22.2	32.1	*
Congestive Heart Failure.....	1	0.0	15.7	*	0.0	25.8	*	0.0	33.7	*
Pneumonia/Influenza.....	9	11.1	20.2	*	33.3	28.8	*	44.4	33.9	*
Chronic Obstructive Pulmonary Disease.....	2	0.0	4.1	*	50.0	8.9	*	50.0	13.7	*
Transient Cerebral Ischemia.....	6	0.0	1.3	*	0.0	3.0	*	0.0	4.8	*
Stroke.....	8	12.5	21.1	*	25.0	28.5	*	25.0	33.5	*
Hip Fracture.....	8	0.0	2.6	*	0.0	5.0	*	0.0	6.9	*
Sepsis.....	1	100.0	27.0	*	100.0	40.1	*	100.0	48.1	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	4	0.0	3.0	*	0.0	5.7	*	0.0	7.7	*
Open Reduction of Hip Fracture.....	4	0.0	1.7	*	0.0	3.7	*	0.0	5.5	*
Prostatectomy.....	22	4.5	0.7	*	4.5	1.7	*	4.5	2.8	*
Cholecystectomy.....	7	0.0	2.7	*	0.0	5.6	*	0.0	8.1	*
Hysterectomy.....	5	0.0	0.2	*	0.0	0.3	*	0.0	0.5	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 74
Occupancy Rate..... 26
Ownership/Control..... Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 55
Percent of Physicians Board Certified Specialists..... 75
Medical Residents/Interns..... 0
Registered Nurses..... 44
Licensed Practical Nurses..... 10

SPECIALTY SERVICES:

Burn Unit..... No
Cardiac Intensive Care..... No
Comprehensive Geriatric..... No
Hospice Care..... No
Medical/Surgical Intensive Care..... Yes
Organ/Tissue Transplant..... No
Other Intensive Care..... No
Rehabilitation Unit..... No
Trauma Center..... No

** Not used in calculating hospital mortality rates.

MEMORIAL HOSPITAL
Medicare Provider Number: 170037

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	201	12.9	8.2	2.8	17.4	13.1	3.0	21.4	16.8	3.3
CONDITIONS:										
Acute Myocardial Infarction.....	5	40.0	31.3	*	40.0	36.1	*	40.0	40.4	*
Congestive Heart Failure.....	7	28.6	17.6	*	28.6	28.8	*	28.6	37.3	*
Pneumonia/Influenza.....	2	100.0	9.8	*	100.0	13.8	*	100.0	17.4	*
Chronic Obstructive Pulmonary Disease.....	2	0.0	3.1	*	0.0	6.6	*	0.0	10.0	*
Transient Cerebral Ischemia.....	3	33.3	1.6	*	33.3	3.6	*	33.3	5.7	*
Stroke.....	9	55.6	25.3	*	55.6	33.6	*	55.6	38.5	*
Hip Fracture.....	13	0.0	4.0	*	15.4	8.0	*	15.4	10.9	*
Sepsis.....	4	25.0	18.6	*	50.0	27.1	*	50.0	34.4	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	4	0.0	4.0	*	25.0	8.1	*	25.0	10.9	*
Open Reduction of Hip Fracture.....	6	0.0	3.3	*	0.0	7.2	*	0.0	10.4	*
Prostatectomy.....	13	0.0	0.6	*	0.0	1.4	*	0.0	2.3	*
Cholecystectomy.....	6	0.0	2.1	*	0.0	4.8	*	0.0	7.6	*
Hysterectomy.....	11	0.0	0.4	*	9.1	0.7	*	9.1	1.1	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	223	9.4	6.6	2.5	13.9	10.2	3.1	15.2	13.1	3.1
CONDITIONS:										
Acute Myocardial Infarction.....	7	28.6	35.0	*	28.6	38.8	*	28.6	42.8	*
Congestive Heart Failure.....	9	0.0	16.4	*	11.1	25.8	*	11.1	33.0	*
Pneumonia/Influenza.....	14	14.3	18.7	*	14.3	25.9	*	21.4	31.0	*
Chronic Obstructive Pulmonary Disease.....	1	100.0	9.6	*	100.0	15.9	*	100.0	20.6	*
Transient Cerebral Ischemia.....	2	0.0	1.5	*	50.0	3.4	*	50.0	5.5	*
Stroke.....	11	18.2	19.6	*	18.2	26.1	*	18.2	30.3	*
Hip Fracture.....	9	22.2	4.5	*	33.3	9.2	*	33.3	12.8	*
Sepsis.....	1	0.0	8.5	*	0.0	13.4	*	0.0	17.1	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	1	0.0	1.3	*	0.0	2.8	*	0.0	4.1	*
Open Reduction of Hip Fracture.....	5	20.0	4.2	*	20.0	9.2	*	20.0	13.4	*
Prostatectomy.....	25	0.0	0.4	*	0.0	0.8	*	0.0	1.4	*
Cholecystectomy.....	8	0.0	2.0	*	0.0	4.1	*	0.0	5.6	*
Hysterectomy.....	12	0.0	0.3	*	0.0	0.6	*	0.0	1.0	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

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MEMORIAL HOSPITAL

Yesterday's values, Tomorrow's technology

December 20, 1990

Health Care Financing Administration
Health Standards and Quality Bureau
Attention: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Ms. Kappert:

In 1989, Memorial Hospital had only 189 Medicare cases which is a blessing in that with such a low number we have a low (relatively speaking) Medicare writeoff. On the other hand, it is a curse when dealing with the way the mortality rates are calculated and presented in percentage form. Cases in point, for Memorial Hospital, are the two COPD patients, one of whom died within 90 days of leaving the hospital. Since this gives us an actual mortality rate of 50% (one of two) when the predicted rate is 8.9% we look pretty bad unless the full story is known and interpreted correctly by the local media.

Another case in point for Memorial hospital is under the category of sepsis where we had only one patient who unfortunately perished within 30 days of dismissal. This gave us a 100% mortality rate when the predicted rate was 27.0. Again, if only the fact that 100% of our patients with sepsis died at Memorial without telling the rest of the story, the public would be woefully misled and rightfully concerned.

We have no way of instructing the media on how to fairly and accurately interpret and print this data so some simple instruction to the media from HCFA when the data is released would be most helpful and appreciated.

Sincerely,



E. Michael Nunamaker
Chief Executive Officer

EMN/sdg

MEMORIAL HOSPITAL

1000 Hospital Drive
McPherson, KS 67460

Medicare Provider Number: 170105

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	489	9.2	8.0	1.3	12.7	12.3	1.6	15.1	15.8	1.7
CONDITIONS:										
Acute Myocardial Infarction.....	11	9.1	21.9	*	9.1	25.4	*	18.2	29.0	*
Congestive Heart Failure.....	38	13.2	13.6	*	23.7	21.3	*	26.3	27.7	*
Pneumonia/Influenza.....	30	10.0	12.6	*	10.0	17.9	*	13.3	21.9	*
Chronic Obstructive Pulmonary Disease.....	1	0.0	11.2	*	0.0	17.5	*	0.0	22.9	*
Transient Cerebral Ischemia.....	4	0.0	1.9	*	0.0	4.0	*	0.0	6.3	*
Stroke.....	18	44.4	24.2	*	44.4	30.4	*	44.4	34.9	*
Hip Fracture.....	17	11.8	5.5	*	11.8	10.9	*	17.6	15.0	*
Sepsis.....	6	16.7	21.8	*	16.7	29.4	*	33.3	35.9	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	8	12.5	3.8	*	12.5	7.7	*	12.5	10.6	*
Open Reduction of Hip Fracture.....	6	16.7	7.1	*	16.7	14.4	*	33.3	20.1	*
Prostatectomy.....	11	0.0	0.5	*	0.0	1.3	*	9.1	2.2	*
Cholecystectomy.....	18	0.0	1.6	*	0.0	2.6	*	0.0	3.2	*
Hysterectomy.....	10	0.0	0.4	*	0.0	0.7	*	0.0	1.0	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 44
Occupancy Rate..... 57
Ownership/Control..... Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 34
Percent of Physicians Board Certified Specialists..... 71
Medical Residents/Interns..... 0
Registered Nurses..... 12
Licensed Practical Nurses..... 7

SPECIALTY SERVICES:

Burn Unit..... No
Cardiac Intensive Care..... No
Comprehensive Geriatric..... No
Hospice Care..... No
Medical/Surgical Intensive Care..... Yes
Organ/Tissue Transplant..... No
Other Intensive Care..... No
Rehabilitation Unit..... No
Trauma Center..... No

** Not used in calculating hospital mortality rates.

MEMORIAL HOSPITAL
Medicare Provider Number: 170105

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	410	8.5	9.4	1.6	13.4	13.6	2.2	16.1	17.1	2.1
CONDITIONS:										
Acute Myocardial Infarction.....	9	11.1	31.3	*	22.2	34.1	*	33.3	37.5	*
Congestive Heart Failure.....	26	26.9	16.1	*	30.8	24.1	*	34.6	30.8	*
Pneumonia/Influenza.....	28	7.1	17.7	*	10.7	24.3	*	17.9	29.4	*
Chronic Obstructive Pulmonary Disease.....	0									
Transient Cerebral Ischemia.....	5	0.0	1.7	*	0.0	3.7	*	20.0	5.9	*
Stroke.....	16	31.3	21.8	*	37.5	28.9	*	37.5	33.8	*
Hip Fracture.....	17	11.8	6.3	*	11.8	11.7	*	11.8	15.1	*
Sepsis.....	5	20.0	49.5	*	60.0	60.9	*	60.0	69.0	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	10	10.0	6.7	*	10.0	13.0	*	10.0	16.9	*
Open Reduction of Hip Fracture.....	5	20.0	4.8	*	20.0	9.1	*	20.0	12.0	*
Prostatectomy.....	13	0.0	0.7	*	0.0	1.7	*	0.0	2.8	*
Cholecystectomy.....	13	0.0	1.4	*	0.0	2.3	*	0.0	3.0	*
Hysterectomy.....	3	0.0	0.2	*	0.0	0.5	*	0.0	0.6	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	424	11.1	7.8	1.6	15.3	12.3	1.9	19.3	16.1	2.6
CONDITIONS:										
Acute Myocardial Infarction.....	3	33.3	40.4	*	33.3	43.9	*	33.3	48.1	*
Congestive Heart Failure.....	31	19.4	14.7	*	29.0	23.3	*	38.7	30.4	*
Pneumonia/Influenza.....	27	18.5	15.9	*	25.9	22.0	*	33.3	26.9	*
Chronic Obstructive Pulmonary Disease.....	8	37.5	10.0	*	50.0	17.5	*	50.0	23.9	*
Transient Cerebral Ischemia.....	12	0.0	2.0	*	0.0	4.6	*	0.0	7.6	*
Stroke.....	15	33.3	20.9	*	46.7	27.8	*	46.7	32.5	*
Hip Fracture.....	6	16.7	7.7	*	16.7	14.2	*	50.0	18.7	*
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	3	33.3	9.0	*	33.3	16.5	*	66.7	21.2	*
Open Reduction of Hip Fracture.....	2	0.0	4.9	*	0.0	9.0	*	50.0	11.8	*
Prostatectomy.....	16	6.3	0.5	*	6.3	1.2	*	6.3	2.1	*
Cholecystectomy.....	12	0.0	1.9	*	16.7	3.6	*	16.7	5.0	*
Hysterectomy.....	6	0.0	2.5	*	0.0	5.7	*	0.0	9.4	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

MEMORIAL HOSPITAL

511 NE 10th St
Abilene, KS 67410

Medicare Provider Number: 170114

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	364	12.1	11.0	1.9	17.6	16.5	2.8	20.6	20.7	2.2
CONDITIONS:										
Acute Myocardial Infarction.....	11	27.3	31.1	*	27.3	35.3	*	27.3	39.3	*
Congestive Heart Failure.....	28	10.7	16.0	*	25.0	24.9	*	32.1	32.2	*
Pneumonia/Influenza.....	19	10.5	19.2	*	26.3	25.7	*	26.3	30.7	*
Chronic Obstructive Pulmonary Disease.....	4	50.0	10.5	*	100.0	15.5	*	100.0	20.0	*
Transient Cerebral Ischemia.....	5	20.0	3.2	*	20.0	7.7	*	20.0	12.5	*
Stroke.....	22	18.2	18.7	*	27.3	25.1	*	31.8	29.4	*
Hip Fracture.....	0									
Sepsis.....	4	0.0	20.2	*	0.0	29.5	*	0.0	35.9	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	12	0.0	0.7	*	0.0	1.6	*	0.0	2.6	*
Cholecystectomy.....	4	0.0	3.0	*	0.0	4.3	*	0.0	4.7	*
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 52
Occupancy Rate..... 29
Ownership/Control..... District/Authority

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 11
Percent of Physicians Board Certified Specialists..... 91
Medical Residents/Interns..... 0
Registered Nurses..... 22
Licensed Practical Nurses..... 3

SPECIALTY SERVICES:

Burn Unit..... No
Cardiac Intensive Care..... Yes
Comprehensive Geriatric..... No
Hospice Care..... Yes
Medical/Surgical Intensive Care..... No
Organ/Tissue Transplant..... No
Other Intensive Care..... No
Rehabilitation Unit..... No
Trauma Center..... No

** Not used in calculating hospital mortality rates.

MEMORIAL HOSPITAL
Medicare Provider Number: 170114

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	394	16.8	13.1	2.2	20.3	18.9	2.1	23.1	23.2	2.2
CONDITIONS:										
Acute Myocardial Infarction.....	13	46.2	30.0	*	46.2	34.4	*	61.5	38.3	*
Congestive Heart Failure.....	24	33.3	18.5	*	50.0	27.8	*	54.2	34.9	*
Pneumonia/Influenza.....	40	15.0	20.6	*	20.0	27.3	*	25.0	32.3	*
Chronic Obstructive Pulmonary Disease.....	1	100.0	11.2	*	100.0	16.3	*	100.0	21.2	*
Transient Cerebral Ischemia.....	2	0.0	3.3	*	0.0	7.1	*	0.0	10.8	*
Stroke.....	33	21.2	24.5	*	27.3	31.7	*	27.3	36.3	*
Hip Fracture.....	2	0.0	6.6	*	0.0	13.0	*	0.0	17.5	*
Sepsis.....	4	0.0	27.7	*	0.0	36.7	*	0.0	41.7	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	8	0.0	0.7	*	0.0	1.7	*	0.0	2.9	*
Cholecystectomy.....	6	16.7	1.7	*	16.7	3.3	*	16.7	4.3	*
Hysterectomy.....	2	0.0	0.9	*	0.0	1.9	*	0.0	3.2	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	393	14.0	13.1	1.7	20.6	19.2	3.0	24.9	23.9	3.1
CONDITIONS:										
Acute Myocardial Infarction.....	20	45.0	40.5	*	60.0	44.6	*	60.0	48.5	*
Congestive Heart Failure.....	26	15.4	21.8	*	23.1	32.6	*	23.1	40.5	*
Pneumonia/Influenza.....	24	8.3	16.9	*	25.0	23.0	*	25.0	28.0	*
Chronic Obstructive Pulmonary Disease.....	4	50.0	8.9	*	50.0	17.2	*	50.0	23.9	*
Transient Cerebral Ischemia.....	6	0.0	2.0	*	0.0	4.2	*	0.0	6.6	*
Stroke.....	23	34.8	22.9	*	47.8	30.6	*	47.8	35.4	*
Hip Fracture.....	2	0.0	8.7	*	50.0	17.1	*	100.0	23.0	*
Sepsis.....	8	0.0	20.9	*	0.0	27.7	*	0.0	33.0	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	14	7.1	0.7	*	7.1	1.8	*	7.1	3.1	*
Cholecystectomy.....	8	0.0	1.4	*	0.0	2.6	*	0.0	3.3	*
Hysterectomy.....	3	0.0	0.6	*	0.0	1.1	*	0.0	1.6	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

MEMORIAL HOSPITAL CORPORATION TOPEKA

600 SE Madison
Topeka, KS 66607

Medicare Provider Number: 170138

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	157	8.9	9.6	2.7	13.4	14.3	2.9	19.1	18.0	3.6
CONDITIONS:										
Acute Myocardial Infarction.....	4	0.0	19.6	*	25.0	23.9	*	50.0	27.4	*
Congestive Heart Failure.....	8	37.5	15.9	*	50.0	25.5	*	62.5	33.0	*
Pneumonia/Influenza.....	3	0.0	15.6	*	0.0	22.2	*	0.0	26.7	*
Chronic Obstructive Pulmonary Disease.....	2	0.0	2.1	*	0.0	4.2	*	0.0	6.1	*
Transient Cerebral Ischemia.....	2	0.0	2.0	*	0.0	4.8	*	0.0	7.8	*
Stroke.....	8	0.0	26.7	*	0.0	32.3	*	0.0	36.5	*
Hip Fracture.....	5	20.0	8.2	*	40.0	14.0	*	40.0	17.6	*
Sepsis.....	6	16.7	25.5	*	16.7	32.3	*	33.3	37.4	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	1	0.0	1.6	*	0.0	3.5	*	100.0	5.5	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	2	50.0	3.4	*	50.0	6.6	*	50.0	8.9	*
Open Reduction of Hip Fracture.....	3	0.0	6.8	*	33.3	12.4	*	33.3	15.9	*
Prostatectomy.....	5	0.0	0.5	*	0.0	1.3	*	0.0	2.3	*
Cholecystectomy.....	4	0.0	0.8	*	0.0	1.4	*	0.0	1.9	*
Hysterectomy.....	1	0.0	0.1	*	0.0	0.2	*	0.0	0.3	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: Health Care Financing Administration (OSCAR) - 1987

Total Beds..... 179
Ownership/Control..... Private, Non-Profit

STAFFING:

Medical Residents/Interns..... 0
Registered Nurses..... 94
Licensed Practical Nurses..... 19

SPECIALTY SERVICES:

Burn Unit..... No
Coronary Care Unit..... No
Hospice..... No
Intensive Care Unit..... Yes
Organ Transplant..... No
Rehabilitation..... Yes
Shock Trauma..... No

** Not used in calculating hospital mortality rates.

MEMORIAL HOSPITAL CORPORATION TOPEKA

Medicare Provider Number: 170138

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	938	7.7	7.5	1.6	12.5	11.7	1.6	16.0	15.1	1.7
CONDITIONS:										
Acute Myocardial Infarction.....	21	23.8	25.5	*	28.6	30.1	*	28.6	34.3	*
Congestive Heart Failure.....	36	16.7	13.4	*	25.0	20.9	*	27.8	27.3	*
Pneumonia/Influenza.....	45	20.0	17.9	*	35.6	24.6	*	40.0	29.4	*
Chronic Obstructive Pulmonary Disease.....	18	5.6	6.5	*	5.6	13.2	*	5.6	19.1	*
Transient Cerebral Ischemia.....	18	5.6	2.5	*	11.1	5.3	*	22.2	8.3	*
Stroke.....	32	18.8	19.9	*	25.0	26.1	*	34.4	30.5	*
Hip Fracture.....	28	0.0	5.7	*	10.7	10.8	*	14.3	14.3	*
Sepsis.....	9	11.1	26.6	*	11.1	33.5	*	22.2	39.2	*
PROCEDURE:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	2	0.0	4.0	*	0.0	7.2	*	0.0	10.2	*
Carotid Endarterectomy.....	8	0.0	1.3	*	0.0	2.5	*	0.0	3.7	*
Hip Replacement/Reconstruction.....	20	0.0	4.6	*	15.0	9.1	*	20.0	12.4	*
Open Reduction of Hip Fracture.....	11	0.0	4.4	*	0.0	8.8	*	0.0	12.1	*
Prostatectomy.....	55	0.0	0.8	1.4	0.0	1.9	2.5	1.8	3.2	2.6
Cholecystectomy.....	16	6.3	5.1	*	12.5	8.9	*	18.8	11.2	*
Hysterectomy.....	5	0.0	0.6	*	0.0	1.4	*	0.0	2.2	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	936	8.2	7.8	0.9	13.2	12.0	1.3	17.1	15.4	1.6
CONDITIONS:										
Acute Myocardial Infarction.....	25	32.0	32.0	*	40.0	36.0	*	44.0	39.6	*
Congestive Heart Failure.....	30	20.0	16.6	*	36.7	25.7	*	46.7	33.2	*
Pneumonia/Influenza.....	39	17.9	15.6	*	25.6	21.2	*	41.0	25.8	*
Chronic Obstructive Pulmonary Disease.....	9	0.0	11.4	*	0.0	21.3	*	0.0	28.6	*
Transient Cerebral Ischemia.....	18	0.0	2.0	*	0.0	4.1	*	0.0	6.6	*
Stroke.....	36	13.9	18.6	*	19.4	26.5	*	25.0	31.3	*
Hip Fracture.....	17	0.0	7.0	*	5.9	12.7	*	11.8	16.7	*
Sepsis.....	18	27.8	28.3	*	44.4	37.7	*	50.0	44.3	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	8	0.0	2.3	*	0.0	5.3	*	0.0	8.5	*
Carotid Endarterectomy.....	9	0.0	1.3	*	0.0	2.3	*	0.0	3.4	*
Hip Replacement/Reconstruction.....	9	0.0	2.9	*	0.0	5.9	*	0.0	8.1	*
Open Reduction of Hip Fracture.....	7	0.0	6.2	*	0.0	11.9	*	14.3	16.1	*
Prostatectomy.....	56	0.0	1.0	1.6	3.6	2.6	3.0	3.6	4.5	3.6
Cholecystectomy.....	12	0.0	3.7	*	0.0	7.6	*	0.0	10.8	*
Hysterectomy.....	2	0.0	0.2	*	0.0	0.4	*	0.0	0.6	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

MERCY HOSPITAL

821 Burke St
Fort Scott, KS 66701

Medicare Provider Number: 170058

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,099	9.4	9.2	1.3	13.6	13.8	1.4	17.8	17.6	1.3
CONDITIONS:										
Acute Myocardial Infarction.....	40	30.0	31.2	*	37.5	34.4	*	40.0	38.0	*
Congestive Heart Failure.....	56	19.6	17.7	6.0	26.8	27.1	6.0	30.4	34.6	8.1
Pneumonia/Influenza.....	65	13.8	16.2	5.6	20.0	22.2	6.2	23.1	26.6	7.4
Chronic Obstructive Pulmonary Disease.....	12	8.3	6.1	*	25.0	12.6	*	25.0	18.6	*
Transient Cerebral Ischemia.....	11	0.0	2.0	*	9.1	4.4	*	9.1	7.1	*
Stroke.....	40	20.0	21.9	*	27.5	28.2	*	32.5	32.6	*
Hip Fracture.....	14	21.4	8.0	*	28.6	14.2	*	28.6	18.1	*
Sepsis.....	9	22.2	19.2	*	22.2	25.4	*	22.2	30.6	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	2	0.0	1.0	*	0.0	1.9	*	0.0	2.8	*
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	1	0.0	13.9	*	100.0	24.6	*	100.0	30.4	*
Prostatectomy.....	99	0.0	0.6	1.0	0.0	1.6	2.0	3.0	2.6	1.7
Cholecystectomy.....	22	4.5	3.3	*	9.1	5.8	*	9.1	7.5	*
Hysterectomy.....	8	0.0	0.8	*	0.0	2.0	*	0.0	3.2	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 106
Occupancy Rate..... 57
Ownership/Control..... Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 24
Percent of Physicians Board Certified Specialists..... 92
Medical Residents/Interns..... 0
Registered Nurses..... 77
Licensed Practical Nurses..... 2

SPECIALTY SERVICES:

Burn Unit..... No
Cardiac Intensive Care..... No
Comprehensive Geriatric..... No
Hospice Care..... Yes
Medical/Surgical Intensive Care..... Yes
Organ/Tissue Transplant..... No
Other Intensive Care..... No
Rehabilitation Unit..... No
Trauma Center..... No

** Not used in calculating hospital mortality rates.

MERCY HOSPITAL
Medicare Provider Number: 170058

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,118	11.4	9.5	1.3	15.8	14.4	1.3	18.8	18.2	1.2
CONDITIONS:										
Acute Myocardial Infarction.....	27	33.3	34.7	*	33.3	38.2	*	37.0	42.1	*
Congestive Heart Failure.....	61	24.6	17.5	8.2	37.7	26.3	10.2	44.3	33.3	11.4
Pneumonia/Influenza.....	88	20.5	17.7	4.9	26.1	24.3	5.3	29.5	29.1	5.0
Chronic Obstructive Pulmonary Disease.....	13	0.0	8.0	*	7.7	13.9	*	7.7	18.9	*
Transient Cerebral Ischemia.....	9	11.1	2.0	*	11.1	4.5	*	11.1	7.2	*
Stroke.....	43	41.9	23.5	*	46.5	32.3	*	48.8	37.5	*
Hip Fracture.....	16	18.8	9.6	*	18.8	17.2	*	18.8	21.8	*
Sepsis.....	13	38.5	22.3	*	46.2	29.5	*	53.8	35.2	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	1	0.0	7.5	*	0.0	12.0	*	0.0	16.0	*
Carotid Endarterectomy.....	6	0.0	1.4	*	16.7	2.5	*	16.7	3.6	*
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	1	0.0	7.3	*	0.0	14.9	*	0.0	20.3	*
Prostatectomy.....	92	0.0	0.8	1.1	0.0	2.0	2.2	1.1	3.5	2.6
Cholecystectomy.....	31	0.0	3.6	*	3.2	6.6	*	6.5	8.7	*
Hysterectomy.....	10	0.0	2.0	*	0.0	3.2	*	0.0	4.3	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,170	7.6	8.2	1.3	11.4	12.7	1.6	14.3	16.5	1.8
CONDITIONS:										
Acute Myocardial Infarction.....	26	30.8	31.9	*	34.6	35.6	*	42.3	39.5	*
Congestive Heart Failure.....	81	19.8	18.0	4.5	33.3	26.9	8.8	38.3	34.2	7.9
Pneumonia/Influenza.....	50	14.0	15.4	*	14.0	20.8	*	16.0	25.2	*
Chronic Obstructive Pulmonary Disease.....	12	0.0	8.1	*	8.3	15.7	*	16.7	21.7	*
Transient Cerebral Ischemia.....	27	7.4	2.2	*	11.1	4.7	*	11.1	7.6	*
Stroke.....	34	11.8	19.8	*	20.6	27.7	*	26.5	32.4	*
Hip Fracture.....	18	5.6	6.4	*	5.6	11.8	*	11.1	15.3	*
Sepsis.....	12	41.7	28.1	*	50.0	36.3	*	58.3	43.0	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	4	25.0	5.9	*	25.0	11.1	*	25.0	14.5	*
Prostatectomy.....	98	0.0	0.6	1.0	1.0	1.6	1.3	2.0	2.6	1.9
Cholecystectomy.....	16	0.0	2.0	*	0.0	3.3	*	0.0	4.2	*
Hysterectomy.....	12	0.0	0.3	*	0.0	0.5	*	0.0	0.7	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

MERCY HOSPITAL INC

218 E Pack
Moundridge, KS 67107

Medicare Provider Number: 170075

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	122	10.7	11.1	3.0	16.4	16.4	4.4	22.1	20.6	4.4
CONDITIONS:										
Acute Myocardial Infarction.....	6	16.7	31.7	*	50.0	34.7	*	50.0	38.3	*
Congestive Heart Failure.....	7	42.9	15.6	*	57.1	24.5	*	57.1	32.1	*
Pneumonia/Influenza.....	6	33.3	16.2	*	33.3	21.5	*	33.3	25.3	*
Chronic Obstructive Pulmonary Disease.....	2	50.0	17.0	*	50.0	25.3	*	50.0	30.9	*
Transient Cerebral Ischemia.....	1	0.0	1.9	*	0.0	4.1	*	0.0	6.4	*
Stroke.....	3	33.3	21.1	*	66.7	30.9	*	66.7	36.7	*
Hip Fracture.....	2	0.0	7.9	*	0.0	13.6	*	0.0	17.4	*
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	1	0.0	0.4	*	0.0	0.7	*	0.0	1.0	*
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 27
Occupancy Rate..... 19
Ownership/Control..... Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 2
Percent of Physicians Board Certified Specialists..... 100
Medical Residents/Interns..... (Not Available)
Registered Nurses..... (Not Available)
Licensed Practical Nurses..... (Not Available)

SPECIALTY SERVICES:

Burn Unit..... No
Cardiac Intensive Care..... No
Comprehensive Geriatric..... No
Hospice Care..... No
Medical/Surgical Intensive Care..... No
Organ/Tissue Transplant..... No
Other Intensive Care..... No
Rehabilitation Unit..... No
Trauma Center..... No

** Not used in calculating hospital mortality rates.

MERCY HOSPITAL INC
Medicare Provider Number: 170075

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	142	12.0	10.4	2.8	13.4	15.0	3.2	16.2	19.0	4.0
CONDITIONS:										
Acute Myocardial Infarction.....	7	57.1	34.8	*	57.1	38.5	*	57.1	42.9	*
Congestive Heart Failure.....	6	0.0	15.1	*	0.0	22.6	*	16.7	29.1	*
Pneumonia/Influenza.....	15	26.7	20.9	*	33.3	26.8	*	33.3	31.0	*
Chronic Obstructive Pulmonary Disease.....	1	0.0	10.3	*	0.0	15.7	*	0.0	20.6	*
Transient Cerebral Ischemia.....	2	0.0	1.2	*	0.0	2.7	*	0.0	4.1	*
Stroke.....	6	33.3	16.7	*	33.3	23.3	*	33.3	27.9	*
Hip Fracture.....	2	0.0	3.8	*	0.0	7.8	*	0.0	11.2	*
Sepsis.....	1	100.0	62.2	*	100.0	67.1	*	100.0	72.8	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	2	0.0	16.7	*	0.0	25.6	*	0.0	28.1	*
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	149	10.7	10.4	2.6	16.8	15.1	3.4	21.5	19.1	4.5
CONDITIONS:										
Acute Myocardial Infarction.....	6	33.3	38.3	*	33.3	42.3	*	33.3	46.4	*
Congestive Heart Failure.....	5	60.0	21.8	*	60.0	32.2	*	60.0	40.3	*
Pneumonia/Influenza.....	7	0.0	19.0	*	0.0	24.8	*	0.0	29.2	*
Chronic Obstructive Pulmonary Disease.....	1	0.0	4.3	*	0.0	7.4	*	0.0	9.8	*
Transient Cerebral Ischemia.....	1	0.0	1.3	*	0.0	2.8	*	0.0	4.5	*
Stroke.....	10	40.0	30.5	*	60.0	37.4	*	60.0	42.4	*
Hip Fracture.....	0									
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	1	0.0	0.6	*	0.0	1.2	*	0.0	1.7	*
Hysterectomy.....	2	0.0	0.0	*	0.0	0.1	*	0.0	0.2	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

MERCY HOSPITAL INDEPENDENCE

800 W Myrtle
Independence, KS 67301

Medicare Provider Number: 170010

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	577	11.3	11.0	1.6	16.1	16.4	1.9	18.4	20.6	2.7
CONDITIONS:										
Acute Myocardial Infarction.....	21	52.4	29.4	*	57.1	33.0	*	57.1	36.5	*
Congestive Heart Failure.....	38	10.5	14.8	*	15.8	23.3	*	15.8	30.2	*
Pneumonia/Influenza.....	37	16.2	17.4	*	27.0	23.6	*	27.0	28.5	*
Chronic Obstructive Pulmonary Disease.....	5	0.0	6.7	*	20.0	14.2	*	40.0	20.3	*
Transient Cerebral Ischemia.....	3	0.0	1.5	*	0.0	3.5	*	0.0	5.7	*
Stroke.....	25	24.0	25.8	*	40.0	32.5	*	48.0	37.4	*
Hip Fracture.....	40	0.0	6.1	*	2.5	11.2	*	5.0	14.8	*
Sepsis.....	15	33.3	26.4	*	40.0	36.5	*	46.7	43.6	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	4	0.0	3.3	*	0.0	6.8	*	0.0	10.6	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	17	0.0	3.9	*	0.0	7.4	*	0.0	9.9	*
Open Reduction of Hip Fracture.....	9	0.0	5.8	*	0.0	11.1	*	11.1	14.9	*
Prostatectomy.....	0									
Cholecystectomy.....	12	0.0	2.1	*	0.0	3.8	*	0.0	5.0	*
Hysterectomy.....	2	0.0	0.4	*	0.0	0.7	*	0.0	0.9	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 54
Occupancy Rate..... 56
Ownership/Control..... Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 15
Percent of Physicians Board Certified Specialists..... 53
Medical Residents/Interns..... 0
Registered Nurses..... 44
Licensed Practical Nurses..... 1

SPECIALTY SERVICES:

Burn Unit..... No
Cardiac Intensive Care..... No
Comprehensive Geriatric..... No
Hospice Care..... No
Medical/Surgical Intensive Care..... Yes
Organ/Tissue Transplant..... No
Other Intensive Care..... No
Rehabilitation Unit..... No
Trauma Center..... No

** Not used in calculating hospital mortality rates.

MERCY HOSPITAL INDEPENDENCE

Medicare Provider Number: 170010

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	536	8.8	11.4	2.1	14.9	16.8	2.8	17.7	21.0	2.8
CONDITIONS:										
Acute Myocardial Infarction.....	13	30.8	36.6	*	30.8	40.5	*	38.5	44.4	*
Congestive Heart Failure.....	19	21.1	17.1	*	31.6	25.9	*	31.6	32.8	*
Pneumonia/Influenza.....	55	12.7	18.5	7.5	18.2	25.1	10.5	20.0	30.1	11.0
Chronic Obstructive Pulmonary Disease.....	5	0.0	4.4	*	0.0	8.9	*	0.0	13.0	*
Transient Cerebral Ischemia.....	11	0.0	1.6	*	0.0	3.5	*	9.1	5.5	*
Stroke.....	36	16.7	25.2	*	22.2	31.3	*	25.0	36.0	*
Hip Fracture.....	29	3.4	5.4	*	3.4	10.1	*	6.9	13.1	*
Sepsis.....	12	41.7	31.8	*	50.0	37.7	*	50.0	43.4	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	2	0.0	31.8	*	0.0	35.7	*	0.0	39.4	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	10	0.0	4.4	*	0.0	8.6	*	0.0	11.6	*
Open Reduction of Hip Fracture.....	13	7.7	5.0	*	7.7	9.9	*	15.4	13.2	*
Prostatectomy.....	0									
Cholecystectomy.....	9	11.1	3.4	*	22.2	6.9	*	22.2	9.4	*
Hysterectomy.....	2	0.0	0.9	*	0.0	2.0	*	0.0	3.2	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	621	10.1	10.0	1.2	13.7	15.0	1.9	17.6	18.9	2.6
CONDITIONS:										
Acute Myocardial Infarction.....	14	35.7	27.0	*	35.7	30.4	*	35.7	34.2	*
Congestive Heart Failure.....	34	17.6	18.3	*	23.5	27.3	*	38.2	34.8	*
Pneumonia/Influenza.....	40	15.0	15.9	*	20.0	21.5	*	27.5	26.1	*
Chronic Obstructive Pulmonary Disease.....	1	0.0	8.5	*	0.0	13.9	*	0.0	18.2	*
Transient Cerebral Ischemia.....	8	0.0	1.8	*	0.0	3.7	*	0.0	5.9	*
Stroke.....	24	25.0	25.5	*	29.2	32.6	*	29.2	37.7	*
Hip Fracture.....	29	10.3	6.5	*	13.8	12.0	*	17.2	15.6	*
Sepsis.....	15	53.3	29.2	*	60.0	37.4	*	60.0	43.8	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	6	0.0	5.2	*	0.0	9.2	*	0.0	12.5	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	14	7.1	3.3	*	7.1	6.7	*	14.3	9.1	*
Open Reduction of Hip Fracture.....	16	6.3	5.1	*	6.3	9.8	*	6.3	13.0	*
Prostatectomy.....	0									
Cholecystectomy.....	9	0.0	3.1	*	0.0	6.0	*	11.1	7.9	*
Hysterectomy.....	4	0.0	0.2	*	0.0	0.3	*	0.0	0.5	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

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MERCY HOSPITAL
P.O. BOX 388
800 W. MYRTLE STREET
INDEPENDENCE, KANSAS 67301
316-331-2200
FAX 316-331-0152

MERCY

January 3, 1991

Attn: Mrs. Sandra Kappert
Health Standards and Quality Bureau
Health Care Financing Administration
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, MD 21207

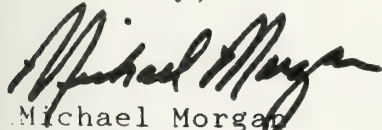
Dear Mrs. Kappert:

We have reviewed the Medicare Mortality Report for Mercy Hospital, Independence, Kansas, and are pleased to note that our performance in most categories of conditions and procedures were comparable to the national experience, although the number of cases is too small to allow valid standardized comparisons.

We regularly compare our experience in all diagnostic groups with regional norms and have consistently found that we compare well.

Of note in the report is the apparent high mortality in acute myocardial infarction. We believe this is an artifact caused by our referral of lower-risk myocardial infarction patients to cardiac centers, sometimes without being admitted as inpatients at our hospital, leaving us with high-risk patients not suitable for invasive procedures.

Sincerely,



Michael Morgan
President and
Chief Executive Officer

pr



MIAMI COUNTY HOSPITAL

501 S Hospital Dr Box 365

Paola, KS 66071

Medicare Provider Number: 170109

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	167	15.0	13.0	3.5	24.0	19.4	5.0	31.7	24.4	4.7
CONDITIONS:										
Acute Myocardial Infarction.....	4	75.0	34.8	*	75.0	38.7	*	75.0	43.1	*
Congestive Heart Failure.....	18	11.1	15.8	*	27.8	23.9	*	38.9	30.6	*
Pneumonia/Influenza.....	18	27.8	21.3	*	38.9	27.9	*	38.9	33.1	*
Chronic Obstructive Pulmonary Disease.....	2	0.0	20.8	*	0.0	33.5	*	0.0	41.2	*
Transient Cerebral Ischemia.....	2	0.0	3.2	*	0.0	7.8	*	0.0	12.6	*
Stroke.....	7	42.9	21.9	*	42.9	27.1	*	42.9	31.3	*
Hip Fracture.....	2	50.0	6.3	*	50.0	10.9	*	50.0	13.8	*
Sepsis.....	6	0.0	24.2	*	16.7	31.9	*	50.0	37.6	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	2	0.0	1.4	*	0.0	3.5	*	0.0	5.7	*
Cholecystectomy.....	2	0.0	1.1	*	0.0	2.0	*	0.0	2.5	*
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 22
 Occupancy Rate..... 32
 Ownership/Control..... Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 10
 Percent of Physicians Board Certified Specialists..... 100
 Medical Residents/Interns..... 0
 Registered Nurses..... 12
 Licensed Practical Nurses..... 3

SPECIALTY SERVICES:

Burn Unit..... No
 Cardiac Intensive Care..... No
 Comprehensive Geriatric..... No
 Hospice Care..... No
 Medical/Surgical Intensive Care..... No
 Organ/Tissue Transplant..... No
 Other Intensive Care..... No
 Rehabilitation Unit..... No
 Trauma Center..... No

** Not used in calculating hospital mortality rates.

MIAMI COUNTY HOSPITAL

Medicare Provider Number: 170109

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	160	18.1	14.8	3.5	29.4	21.6	5.9	33.7	26.7	5.9
CONDITIONS:										
Acute Myocardial Infarction.....	1	100.0	32.8	*	100.0	35.1	*	100.0	38.4	*
Congestive Heart Failure.....	11	45.5	15.4	*	45.5	23.4	*	45.5	30.0	*
Pneumonia/Influenza.....	27	11.1	17.1	*	29.6	22.8	*	29.6	27.5	*
Chronic Obstructive Pulmonary Disease.....	0									
Transient Cerebral Ischemia.....	2	0.0	3.3	*	0.0	7.9	*	0.0	12.9	*
Stroke.....	13	38.5	27.4	*	69.2	36.0	*	69.2	41.5	*
Hip Fracture.....	0									
Sepsis.....	4	0.0	28.8	*	0.0	37.3	*	0.0	43.2	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	1	0.0	0.6	*	0.0	1.3	*	0.0	2.0	*
Cholecystectomy.....	2	0.0	2.0	*	0.0	3.6	*	0.0	4.7	*
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	169	20.7	14.7	3.5	26.0	21.2	3.6	30.2	26.1	4.0
CONDITIONS:										
Acute Myocardial Infarction.....	4	100.0	38.9	*	100.0	44.9	*	100.0	50.0	*
Congestive Heart Failure.....	12	41.7	21.5	*	41.7	33.4	*	58.3	42.0	*
Pneumonia/Influenza.....	26	34.6	22.1	*	46.2	29.0	*	50.0	34.4	*
Chronic Obstructive Pulmonary Disease.....	1	0.0	1.9	*	0.0	3.7	*	0.0	5.3	*
Transient Cerebral Ischemia.....	4	0.0	2.3	*	0.0	5.7	*	0.0	9.1	*
Stroke.....	13	38.5	28.9	*	38.5	37.6	*	61.5	43.4	*
Hip Fracture.....	2	0.0	4.7	*	0.0	10.1	*	0.0	14.5	*
Sepsis.....	5	0.0	23.6	*	0.0	29.3	*	0.0	35.4	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	1	0.0	0.7	*	0.0	1.3	*	0.0	2.2	*
Cholecystectomy.....	0									
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

MINNEOLA DISTRICT HOSPITAL

212 Main St
Minneola, KS 67865

Medicare Provider Number: 170034

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	152	11.8	10.6	3.2	13.8	16.6	3.4	16.4	21.6	4.6
CONDITIONS:										
Acute Myocardial Infarction.....	7	57.1	27.2	*	57.1	31.3	*	57.1	35.2	*
Congestive Heart Failure.....	9	11.1	15.9	*	11.1	24.7	*	11.1	31.9	*
Pneumonia/Influenza.....	14	7.1	14.9	*	7.1	20.1	*	14.3	24.3	*
Chronic Obstructive Pulmonary Disease.....	1	0.0	4.9	*	0.0	8.5	*	0.0	12.0	*
Transient Cerebral Ischemia.....	5	20.0	3.3	*	20.0	8.1	*	20.0	13.7	*
Stroke.....	3	33.3	32.8	*	33.3	45.2	*	33.3	52.1	*
Hip Fracture.....	2	0.0	7.7	*	50.0	16.1	*	50.0	22.6	*
Sepsis.....	2	100.0	57.2	*	100.0	65.0	*	100.0	71.1	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	1	0.0	2.4	*	0.0	4.9	*	0.0	6.9	*
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1988

Total Beds..... 15
Occupancy Rate..... 73
Ownership/Control..... District/Authority

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 3
Percent of Physicians Board Certified Specialists..... 100
Medical Residents/Interns..... 0
Registered Nurses..... 9
Licensed Practical Nurses..... 6

SPECIALTY SERVICES:

Burn Unit..... No
Cardiac Intensive Care..... No
Comprehensive Geriatric..... No
Hospice Care..... No
Medical/Surgical Intensive Care..... No
Organ/Tissue Transplant..... No
Other Intensive Care..... No
Rehabilitation Unit..... No
Trauma Center..... No

** Not used in calculating hospital mortality rates.

MINNEOLA DISTRICT HOSPITAL

Medicare Provider Number: 170034

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	121	6.6	10.0	4.2	10.7	15.7	4.8	14.9	20.3	5.3
CONDITIONS:										
Acute Myocardial Infarction.....	3	33.3	25.3	*	33.3	27.9	*	33.3	31.1	*
Congestive Heart Failure.....	5	0.0	24.5	*	20.0	37.2	*	20.0	46.4	*
Pneumonia/Influenza.....	12	16.7	15.9	*	16.7	21.1	*	16.7	25.4	*
Chronic Obstructive Pulmonary Disease.....	0									
Transient Cerebral Ischemia.....	3	0.0	1.7	*	0.0	3.5	*	0.0	5.3	*
Stroke.....	6	33.3	22.9	*	50.0	29.5	*	50.0	34.4	*
Hip Fracture.....	1	100.0	11.6	*	100.0	20.4	*	100.0	24.9	*
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	124	11.3	7.4	4.1	12.9	11.8	3.5	17.7	15.4	4.6
CONDITIONS:										
Acute Myocardial Infarction.....	4	50.0	14.7	*	50.0	17.5	*	50.0	20.1	*
Congestive Heart Failure.....	10	10.0	15.8	*	10.0	24.5	*	20.0	31.7	*
Pneumonia/Influenza.....	11	27.3	18.4	*	27.3	24.3	*	36.4	28.2	*
Chronic Obstructive Pulmonary Disease.....	3	0.0	3.1	*	0.0	5.5	*	0.0	7.9	*
Transient Cerebral Ischemia.....	5	0.0	1.7	*	0.0	3.9	*	0.0	6.3	*
Stroke.....	5	0.0	18.6	*	0.0	25.7	*	0.0	30.5	*
Hip Fracture.....	1	0.0	2.0	*	0.0	4.3	*	0.0	6.3	*
Sepsis.....	1	100.0	37.8	*	100.0	47.8	*	100.0	56.1	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

MITCHELL COUNTY HOSPITAL

400 W 8th St
Beloit, KS 67420

Medicare Provider Number: 170015

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	440	9.1	12.0	1.8	11.8	17.2	2.5	15.5	21.2	2.7
CONDITIONS:										
Acute Myocardial Infarction.....	26	34.6	38.9	*	34.6	44.0	*	34.6	48.2	*
Congestive Heart Failure.....	20	20.0	15.2	*	25.0	23.8	*	30.0	30.6	*
Pneumonia/Influenza.....	40	2.5	16.5	*	5.0	22.7	*	12.5	27.6	*
Chronic Obstructive Pulmonary Disease.....	2	0.0	6.5	*	0.0	11.7	*	0.0	16.6	*
Transient Cerebral Ischemia.....	7	0.0	2.2	*	0.0	5.0	*	0.0	8.0	*
Stroke.....	13	15.4	25.3	*	15.4	33.4	*	15.4	38.4	*
Hip Fracture.....	15	13.3	7.0	*	13.3	13.1	*	20.0	17.4	*
Sepsis.....	11	27.3	27.1	*	27.3	35.3	*	27.3	41.0	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	5	0.0	5.0	*	0.0	10.1	*	0.0	13.8	*
Open Reduction of Hip Fracture.....	4	0.0	5.1	*	0.0	10.1	*	0.0	13.9	*
Prostatectomy.....	3	0.0	0.6	*	0.0	1.4	*	0.0	2.4	*
Cholecystectomy.....	10	0.0	1.8	*	0.0	3.3	*	0.0	4.2	*
Hysterectomy.....	4	0.0	0.8	*	0.0	2.0	*	0.0	3.4	*

*The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 89
Occupancy Rate..... 69
Ownership/Control..... Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 10
Percent of Physicians Board Certified Specialists..... 70
Medical Residents/Interns..... 0
Registered Nurses..... 31
Licensed Practical Nurses..... 13

SPECIALTY SERVICES:

Burn Unit..... No
Cardiac Intensive Care..... No
Comprehensive Geriatric..... No
Hospice Care..... Yes
Medical/Surgical Intensive Care..... No
Organ/Tissue Transplant..... No
Other Intensive Care..... No
Rehabilitation Unit..... No
Trauma Center..... No

** Not used in calculating hospital mortality rates.

MITCHELL COUNTY HOSPITAL

Medicare Provider Number: 170015

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	465	10.8	12.2	2.4	15.5	17.8	3.0	19.1	22.1	3.0
CONDITIONS:										
Acute Myocardial Infarction.....	28	25.0	39.9	*	28.6	44.3	*	32.1	48.8	*
Congestive Heart Failure.....	18	16.7	13.5	*	16.7	20.7	*	27.8	26.8	*
Pneumonia/Influenza.....	52	13.5	19.5	9.9	25.0	26.5	10.3	28.8	31.7	9.0
Chronic Obstructive Pulmonary Disease.....	3	33.3	10.3	*	33.3	16.8	*	33.3	22.2	*
Transient Cerebral Ischemia.....	6	0.0	1.5	*	0.0	3.2	*	0.0	5.1	*
Stroke.....	20	20.0	24.4	*	30.0	31.3	*	35.0	36.4	*
Hip Fracture.....	14	7.1	6.4	*	7.1	12.1	*	14.3	15.6	*
Sepsis.....	10	20.0	24.2	*	20.0	32.1	*	30.0	38.5	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	5	20.0	7.6	*	20.0	14.7	*	40.0	18.9	*
Open Reduction of Hip Fracture.....	7	0.0	4.9	*	0.0	9.7	*	0.0	13.0	*
Prostatectomy.....	4	0.0	0.5	*	0.0	1.1	*	0.0	1.9	*
Cholecystectomy.....	8	0.0	1.1	*	0.0	2.2	*	0.0	3.2	*
Hysterectomy.....	1	0.0	0.1	*	0.0	0.2	*	0.0	0.3	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	458	7.2	9.1	2.2	12.4	13.7	2.9	15.3	17.7	3.5
CONDITIONS:										
Acute Myocardial Infarction.....	15	26.7	28.5	*	26.7	32.2	*	26.7	36.4	*
Congestive Heart Failure.....	19	5.3	17.0	*	15.8	26.2	*	26.3	33.3	*
Pneumonia/Influenza.....	30	16.7	16.9	*	23.3	23.4	*	23.3	28.5	*
Chronic Obstructive Pulmonary Disease.....	6	0.0	5.9	*	0.0	10.5	*	0.0	14.7	*
Transient Cerebral Ischemia.....	2	0.0	2.3	*	0.0	5.3	*	0.0	8.8	*
Stroke.....	17	41.2	23.2	*	41.2	30.6	*	47.1	35.8	*
Hip Fracture.....	7	0.0	5.9	*	0.0	10.5	*	0.0	13.6	*
Sepsis.....	9	0.0	19.9	*	0.0	26.6	*	11.1	31.7	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	2	0.0	3.2	*	0.0	6.5	*	0.0	9.1	*
Open Reduction of Hip Fracture.....	5	0.0	5.9	*	0.0	10.9	*	0.0	14.2	*
Prostatectomy.....	12	0.0	0.5	*	16.7	1.3	*	25.0	2.2	*
Cholecystectomy.....	8	0.0	2.0	*	0.0	3.9	*	0.0	5.4	*
Hysterectomy.....	9	0.0	0.5	*	0.0	0.9	*	0.0	1.5	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

MORRIS COUNTY HOSPITAL

600 N Washington St
Council Grove, KS 66846

Medicare Provider Number: 170070

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	177	11.9	9.1	3.7	19.2	13.9	3.9	24.3	17.8	4.4
CONDITIONS:										
Acute Myocardial Infarction.....	5	40.0	24.6	*	40.0	27.6	*	40.0	31.3	*
Congestive Heart Failure.....	15	20.0	11.1	*	26.7	18.1	*	40.0	23.8	*
Pneumonia/Influenza.....	15	13.3	17.0	*	20.0	24.2	*	33.3	29.2	*
Chronic Obstructive Pulmonary Disease.....	3	0.0	5.2	*	0.0	9.2	*	0.0	12.9	*
Transient Cerebral Ischemia.....	3	0.0	1.9	*	0.0	4.3	*	0.0	6.7	*
Stroke.....	8	25.0	20.5	*	25.0	27.8	*	25.0	32.4	*
Hip Fracture.....	4	25.0	4.4	*	25.0	8.8	*	25.0	11.9	*
Sepsis.....	1	0.0	12.0	*	100.0	18.6	*	100.0	23.7	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	3	33.3	3.8	*	33.3	7.6	*	33.3	10.5	*
Prostatectomy.....	0									
Cholecystectomy.....	3	0.0	1.2	*	33.3	2.1	*	33.3	2.7	*
Hysterectomy.....	4	0.0	0.7	*	0.0	1.5	*	0.0	2.5	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS ****SOURCE:** Health Care Financing Administration (OSCAR) - 1990

Total Beds..... 28
Ownership/Control..... Local Government

STAFFING:

Medical Residents/Interns..... 0
Registered Nurses..... 9
Licensed Practical Nurses..... 3

SPECIALTY SERVICES:

Burn Unit..... No
Coronary Care Unit..... No
Hospice..... No
Intensive Care Unit..... No
Organ Transplant..... No
Rehabilitation..... No
Shock Trauma..... No

** Not used in calculating hospital mortality rates.

MORRIS COUNTY HOSPITAL

Medicare Provider Number: 170070

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	164	15.2	10.0	2.7	20.7	15.0	2.9	25.6	19.2	3.6
CONDITIONS:										
Acute Myocardial Infarction.....	6	83.3	34.7	*	83.3	38.5	*	83.3	43.1	*
Congestive Heart Failure.....	14	7.1	12.1	*	14.3	19.3	*	14.3	25.8	*
Pneumonia/Influenza.....	11	0.0	20.1	*	18.2	27.6	*	45.5	33.3	*
Chronic Obstructive Pulmonary Disease.....	1	0.0	5.2	*	0.0	9.3	*	0.0	13.0	*
Transient Cerebral Ischemia.....	3	0.0	2.2	*	0.0	5.2	*	0.0	8.4	*
Stroke.....	8	12.5	14.2	*	12.5	19.1	*	12.5	23.4	*
Hip Fracture.....	4	0.0	4.4	*	25.0	9.7	*	25.0	14.1	*
Sepsis.....	2	50.0	35.7	*	50.0	42.9	*	50.0	51.1	*
PROCEDURE:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	1	0.0	3.6	*	0.0	8.1	*	0.0	11.9	*
Prostatectomy.....	0									
Cholecystectomy.....	2	0.0	0.7	*	0.0	1.2	*	0.0	1.7	*
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	166	13.9	8.6	3.6	16.3	12.4	3.7	20.5	15.7	4.1
CONDITIONS:										
Acute Myocardial Infarction.....	12	41.7	34.8	*	41.7	38.6	*	41.7	43.0	*
Congestive Heart Failure.....	2	0.0	10.9	*	0.0	16.9	*	100.0	22.5	*
Pneumonia/Influenza.....	9	22.2	15.3	*	22.2	21.8	*	22.2	26.7	*
Chronic Obstructive Pulmonary Disease.....	4	0.0	5.2	*	0.0	9.1	*	0.0	12.2	*
Transient Cerebral Ischemia.....	2	0.0	3.4	*	0.0	8.0	*	0.0	13.4	*
Stroke.....	6	16.7	21.5	*	33.3	27.9	*	50.0	32.7	*
Hip Fracture.....	4	25.0	4.7	*	25.0	10.3	*	25.0	14.8	*
Sepsis.....	2	0.0	27.0	*	0.0	36.5	*	0.0	42.9	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

MORTON COUNTY HOSPITAL

445 Hilltop Box 937
Elkhart, KS 67950

Medicare Provider Number: 170166

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	177	10.7	11.0	3.4	15.3	15.8	2.8	17.5	19.8	3.3
CONDITIONS:										
Acute Myocardial Infarction.....	5	60.0	49.1	*	60.0	54.1	*	60.0	58.6	*
Congestive Heart Failure.....	4	25.0	13.2	*	50.0	19.9	*	50.0	26.1	*
Pneumonia/Influenza.....	30	13.3	17.0	*	20.0	22.7	*	20.0	27.3	*
Chronic Obstructive Pulmonary Disease.....	1	0.0	1.9	*	0.0	3.4	*	0.0	4.7	*
Transient Cerebral Ischemia.....	2	0.0	2.4	*	0.0	5.7	*	0.0	9.3	*
Stroke.....	4	0.0	21.3	*	0.0	27.3	*	25.0	31.9	*
Hip Fracture.....	0									
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	1	0.0	1.5	*	0.0	3.9	*	0.0	6.6	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	3	0.0	8.6	*	0.0	15.0	*	0.0	18.3	*
Hysterectomy.....	1	0.0	1.0	*	0.0	2.1	*	0.0	3.0	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 94
Occupancy Rate..... 76
Ownership/Control..... Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 6
Percent of Physicians Board Certified Specialists..... (Not Available)
Medical Residents/Interns..... 0
Registered Nurses..... 17
Licensed Practical Nurses..... 3

SPECIALTY SERVICES:

Burn Unit..... No
Cardiac Intensive Care..... No
Comprehensive Geriatric..... No
Hospice Care..... No
Medical/Surgical Intensive Care..... Yes
Organ/Tissue Transplant..... No
Other Intensive Care..... No
Rehabilitation Unit..... No
Trauma Center..... No

** Not used in calculating hospital mortality rates.

MORTON COUNTY HOSPITAL

Medicare Provider Number: 170166

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	158	12.0	10.1	2.7	13.3	15.3	3.1	16.5	19.4	3.8
CONDITIONS:										
Acute Myocardial Infarction.....	2	100.0	29.6	*	100.0	31.5	*	100.0	34.2	*
Congestive Heart Failure.....	5	40.0	19.4	*	40.0	32.0	*	80.0	41.5	*
Pneumonia/Influenza.....	31	19.4	21.6	*	22.6	29.2	*	29.0	34.6	*
Chronic Obstructive Pulmonary Disease.....	4	0.0	8.0	*	0.0	17.2	*	0.0	25.4	*
Transient Cerebral Ischemia.....	3	0.0	1.6	*	0.0	3.4	*	0.0	5.3	*
Stroke.....	3	0.0	28.4	*	0.0	36.7	*	0.0	42.5	*
Hip Fracture.....	1	0.0	6.0	*	0.0	12.2	*	0.0	16.6	*
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	1	0.0	5.5	*	0.0	11.7	*	0.0	16.3	*
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	2	0.0	1.7	*	0.0	2.9	*	0.0	3.8	*
Hysterectomy.....	1	0.0	0.1	*	0.0	0.1	*	0.0	0.2	*

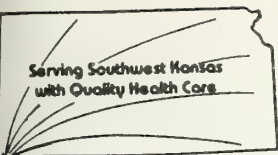
* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	151	7.9	8.4	2.3	12.6	13.2	2.8	15.9	17.2	3.5
CONDITIONS:										
Acute Myocardial Infarction.....	1	0.0	51.6	*	0.0	62.2	*	0.0	67.2	*
Congestive Heart Failure.....	9	33.3	17.5	*	33.3	26.1	*	44.4	33.0	*
Pneumonia/Influenza.....	18	16.7	16.8	*	16.7	22.3	*	22.2	27.2	*
Chronic Obstructive Pulmonary Disease.....	2	0.0	3.9	*	50.0	8.5	*	50.0	12.9	*
Transient Cerebral Ischemia.....	5	0.0	3.4	*	0.0	7.8	*	0.0	12.9	*
Stroke.....	0									
Hip Fracture.....	1	0.0	3.8	*	0.0	6.7	*	100.0	8.9	*
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	1	0.0	4.0	*	0.0	8.1	*	0.0	12.3	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	1	0.0	3.6	*	0.0	6.5	*	100.0	8.6	*
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	4	0.0	2.4	*	0.0	4.9	*	0.0	7.7	*
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

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Morton County Hospital

445 Hilltop • P. O. Box 937

Elkhart, Kansas 67950 Phone (316) 697-2141

LOWELL M. HONSON
Chief Executive Officer

For Medicare Hospital Mortality Information Publication, 1991

Morton County Hospital has been providing quality care for patients in Morton County as well as the surrounding area. The Morton County Care Center has one hundred per cent occupancy with 98 per cent of the residents being senior citizens. The community is blessed with many senior citizens getting good medical care. Some of these citizens believe they have lived many good years and do not want a mechanical survival.

All three acute myocardial infarction deaths for 1989 were patients 80 or above in age. The two patients with congestive heart failure had multiple problems. Pneumonia is a common diagnosis among the many patients in the area with allergy problems as well as chronic pulmonary obstructive disease and cancer.

Morton County Hospital with its swing bed program and affiliated Morton County Care Center provides support and care to the patients and their families at times of death. The cultural attitude of this rural area finds families to prefer this support in a hospital setting. So statistics will indicate quality of care rather than lack of care.

MT CARMEL MEDICAL CENTER

Centennial & Rouse Sts

Pittsburg, KS 66762

Medicare Provider Number: 170006

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	1,249	10.0	9.3	1.5	15.1	14.1	1.9	18.1	17.9	1.8
CONDITIONS:										
Acute Myocardial Infarction.....	37	35.1	33.9	*	35.1	36.7	*	35.1	40.0	*
Congestive Heart Failure.....	101	20.8	17.0	6.1	32.7	26.2	7.7	36.6	33.6	5.5
Pneumonia/Influenza.....	41	26.8	17.0	*	31.7	23.2	*	34.1	28.0	*
Chronic Obstructive Pulmonary Disease.....	41	4.9	7.9	*	14.6	14.1	*	19.5	19.2	*
Transient Cerebral Ischemia.....	25	4.0	2.1	*	4.0	4.7	*	4.0	7.5	*
Stroke.....	53	30.2	22.9	9.9	37.7	29.3	11.2	39.6	33.9	8.9
Hip Fracture.....	56	10.7	7.3	4.4	12.5	13.0	6.2	19.6	16.6	9.5
Sepsis.....	9	33.3	30.3	*	33.3	36.6	*	33.3	42.2	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	9	33.3	9.7	*	44.4	14.4	*	55.6	18.2	*
Carotid Endarterectomy.....	30	0.0	1.5	*	3.3	3.0	*	3.3	4.6	*
Hip Replacement/Reconstruction.....	24	16.7	7.1	*	25.0	13.0	*	37.5	16.9	*
Open Reduction of Hip Fracture.....	26	7.7	6.9	*	7.7	13.1	*	11.5	17.3	*
Prostatectomy.....	47	0.0	0.8	*	2.1	1.9	*	2.1	3.1	*
Cholecystectomy.....	36	13.9	3.3	*	16.7	6.2	*	16.7	8.4	*
Hysterectomy.....	19	0.0	1.0	*	0.0	2.2	*	5.3	3.5	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 163
 Occupancy Rate..... 50
 Ownership/Control..... Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 30
 Percent of Physicians Board Certified Specialists..... 77
 Medical Residents/Interns..... 0
 Registered Nurses..... 77
 Licensed Practical Nurses..... 22

SPECIALTY SERVICES:

Burn Unit..... No
 Cardiac Intensive Care..... No
 Comprehensive Geriatric..... Yes
 Hospice Care..... Yes
 Medical/Surgical Intensive Care..... Yes
 Organ/Tissue Transplant..... No
 Other Intensive Care..... No
 Rehabilitation Unit..... No
 Trauma Center..... No

** Not used in calculating hospital mortality rates.

MT CARMEL MEDICAL CENTER

Medicare Provider Number: 170006

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,234	12.2	10.5	1.1	17.3	16.1	1.2	20.7	20.3	1.2
CONDITIONS:										
Acute Myocardial Infarction.....	37	37.8	31.0	*	43.2	33.9	*	45.9	37.4	*
Congestive Heart Failure.....	88	18.2	20.8	6.7	35.2	31.6	6.1	42.0	39.6	5.9
Pneumonia/Influenza.....	63	28.6	18.3	8.8	34.9	25.0	10.2	41.3	30.1	9.6
Chronic Obstructive Pulmonary Disease.....	22	9.1	6.7	*	13.6	12.0	*	22.7	16.7	*
Transient Cerebral Ischemia.....	23	0.0	2.0	*	4.3	4.5	*	8.7	7.1	*
Stroke.....	54	24.1	22.1	9.3	31.5	28.3	8.8	35.2	33.0	7.5
Hip Fracture.....	41	9.8	7.5	*	9.8	13.8	*	9.8	17.8	*
Sepsis.....	8	50.0	39.7	*	75.0	48.1	*	75.0	53.3	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	7	42.9	14.4	*	42.9	17.3	*	42.9	20.4	*
Carotid Endarterectomy.....	15	0.0	2.3	*	0.0	5.1	*	6.7	7.7	*
Hip Replacement/Reconstruction.....	24	4.2	6.0	*	4.2	11.5	*	4.2	14.9	*
Open Reduction of Hip Fracture.....	17	17.6	7.0	*	17.6	13.6	*	17.6	18.0	*
Prostatectomy.....	42	0.0	1.1	*	0.0	2.7	*	2.4	4.5	*
Cholecystectomy.....	42	7.1	5.3	*	9.5	10.0	*	9.5	13.0	*
Hysterectomy.....	15	6.7	0.7	*	13.3	1.3	*	13.3	1.8	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,287	12.2	11.6	1.1	17.8	17.0	1.3	21.7	21.3	1.2
CONDITIONS:										
Acute Myocardial Infarction.....	55	29.1	31.8	7.2	32.7	35.0	7.0	36.4	38.8	7.3
Congestive Heart Failure.....	100	13.0	20.2	8.2	26.0	30.1	8.4	34.0	37.9	7.3
Pneumonia/Influenza.....	50	24.0	19.5	*	28.0	26.2	*	32.0	31.3	*
Chronic Obstructive Pulmonary Disease.....	15	13.3	12.8	*	20.0	21.3	*	33.3	27.7	*
Transient Cerebral Ischemia.....	37	0.0	1.9	*	0.0	4.1	*	8.1	6.5	*
Stroke.....	43	34.9	27.0	*	41.9	34.4	*	44.2	39.6	*
Hip Fracture.....	31	0.0	6.5	*	3.2	11.7	*	6.5	15.2	*
Sepsis.....	13	30.8	24.8	*	46.2	32.1	*	53.8	37.8	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	15	13.3	4.9	*	13.3	8.7	*	13.3	11.8	*
Carotid Endarterectomy.....	8	0.0	1.6	*	12.5	3.2	*	12.5	4.8	*
Hip Replacement/Reconstruction.....	19	0.0	5.6	*	5.3	10.6	*	10.5	13.8	*
Open Reduction of Hip Fracture.....	10	0.0	6.0	*	0.0	11.6	*	0.0	15.4	*
Prostatectomy.....	61	0.0	1.4	1.9	4.9	3.4	2.9	4.9	5.6	3.0
Cholecystectomy.....	31	9.7	5.1	*	12.9	9.3	*	19.4	11.8	*
Hysterectomy.....	10	0.0	2.2	*	0.0	4.8	*	10.0	7.2	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

NEMAHA VALLEY COMMUNITY HOSPITAL

1600 Community Drive
Seneca, KS 66538

Medicare Provider Number: 170057

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	232	8.6	13.4	2.8	12.1	19.1	3.5	15.1	23.5	4.0
CONDITIONS:										
Acute Myocardial Infarction.....	11	18.2	29.9	*	18.2	33.2	*	18.2	37.1	*
Congestive Heart Failure.....	10	20.0	41.0	*	30.0	46.9	*	30.0	53.0	*
Pneumonia/Influenza.....	30	10.0	20.7	*	20.0	28.5	*	20.0	34.1	*
Chronic Obstructive Pulmonary Disease.....	9	0.0	4.2	*	0.0	7.6	*	0.0	11.0	*
Transient Cerebral Ischemia.....	7	0.0	2.2	*	0.0	4.8	*	0.0	7.7	*
Stroke.....	8	37.5	17.4	*	37.5	22.8	*	37.5	27.2	*
Hip Fracture.....	2	0.0	9.2	*	0.0	15.9	*	0.0	20.1	*
Sepsis.....	1	0.0	22.7	*	0.0	27.4	*	0.0	33.3	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	6	0.0	1.4	*	0.0	2.5	*	0.0	3.6	*
Hysterectomy.....	2	0.0	0.1	*	0.0	0.2	*	0.0	0.4	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 24
Occupancy Rate..... 30
Ownership/Control..... Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 4
Percent of Physicians Board Certified Specialists..... (Not Available)
Medical Residents/Interns..... 0
Registered Nurses..... 15
Licensed Practical Nurses..... 5

SPECIALTY SERVICES:

Burn Unit..... No
Cardiac Intensive Care..... No
Comprehensive Geriatric..... No
Hospice Care..... No
Medical/Surgical Intensive Care..... No
Organ/Tissue Transplant..... No
Other Intensive Care..... No
Rehabilitation Unit..... No
Trauma Center..... No

** Not used in calculating hospital mortality rates.

NEMAHA VALLEY COMMUNITY HOSPITAL

Medicare Provider Number: 170057

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	237	12.7	10.9	2.5	16.5	16.4	2.6	20.7	21.1	2.8
CONDITIONS:										
Acute Myocardial Infarction.....	2	50.0	43.6	*	50.0	46.6	*	50.0	50.4	*
Congestive Heart Failure.....	18	38.9	24.5	*	38.9	32.2	*	44.4	39.2	*
Pneumonia/Influenza.....	22	22.7	16.3	*	22.7	22.4	*	22.7	27.1	*
Chronic Obstructive Pulmonary Disease.....	6	0.0	9.0	*	0.0	16.0	*	0.0	22.2	*
Transient Cerebral Ischemia.....	8	0.0	2.4	*	12.5	5.5	*	12.5	8.9	*
Stroke.....	13	15.4	21.4	*	15.4	27.7	*	23.1	32.5	*
Hip Fracture.....	3	0.0	4.6	*	33.3	8.9	*	33.3	12.0	*
Sepsis.....	1	0.0	18.4	*	100.0	27.3	*	100.0	36.2	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	3	0.0	1.2	*	0.0	2.0	*	0.0	2.6	*
Hysterectomy.....	2	0.0	1.6	*	0.0	4.5	*	0.0	8.4	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	256	9.4	10.8	3.1	13.3	16.0	4.0	17.2	20.4	4.2
CONDITIONS:										
Acute Myocardial Infarction.....	6	33.3	26.5	*	33.3	29.7	*	33.3	33.5	*
Congestive Heart Failure.....	12	16.7	22.1	*	25.0	33.0	*	33.3	41.0	*
Pneumonia/Influenza.....	34	20.6	17.3	*	26.5	24.0	*	35.3	29.4	*
Chronic Obstructive Pulmonary Disease.....	5	0.0	3.6	*	0.0	8.0	*	0.0	12.3	*
Transient Cerebral Ischemia.....	16	0.0	2.3	*	6.3	5.3	*	12.5	8.7	*
Stroke.....	16	18.8	18.1	*	25.0	23.9	*	25.0	28.7	*
Hip Fracture.....	1	0.0	6.1	*	0.0	12.6	*	0.0	18.0	*
Sepsis.....	5	20.0	34.6	*	40.0	42.1	*	40.0	48.6	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	1	0.0	5.2	*	0.0	11.4	*	0.0	16.6	*
Prostatectomy.....	0									
Cholecystectomy.....	2	0.0	0.7	*	0.0	1.3	*	0.0	1.8	*
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

NEOSHO MEMORIAL HOSPITAL

629 S Plummer
Chanute, KS 66720

Medicare Provider Number: 170143

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	607	11.5	10.1	1.9	15.8	15.2	1.7	19.8	19.2	1.7
CONDITIONS:										
Acute Myocardial Infarction.....	13	38.5	26.3	*	38.5	30.1	*	38.5	34.1	*
Congestive Heart Failure.....	25	16.0	15.8	*	24.0	23.8	*	32.0	30.5	*
Pneumonia/Influenza.....	42	23.8	18.0	*	31.0	24.7	*	38.1	29.7	*
Chronic Obstructive Pulmonary Disease.....	21	14.3	6.0	*	14.3	11.6	*	19.0	16.7	*
Transient Cerebral Ischemia.....	1	0.0	1.1	*	0.0	2.5	*	0.0	3.9	*
Stroke.....	18	27.8	21.6	*	27.8	27.7	*	27.8	32.2	*
Hip Fracture.....	17	5.9	6.3	*	5.9	11.2	*	11.8	14.6	*
Sepsis.....	8	12.5	29.9	*	12.5	35.5	*	12.5	41.5	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	3	0.0	8.1	*	0.0	12.8	*	0.0	15.9	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	13	0.0	4.3	*	0.0	8.5	*	7.7	11.7	*
Open Reduction of Hip Fracture.....	7	0.0	4.8	*	0.0	9.1	*	0.0	12.1	*
Prostatectomy.....	6	0.0	0.9	*	0.0	2.2	*	0.0	3.8	*
Cholecystectomy.....	8	0.0	1.9	*	0.0	3.1	*	12.5	3.9	*
Hysterectomy.....	5	0.0	1.2	*	0.0	2.5	*	0.0	3.8	*

*The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 60
Occupancy Rate..... 58
Ownership/Control..... Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 23
Percent of Physicians Board Certified Specialists..... 83
Medical Residents/Interns..... 0
Registered Nurses..... 38
Licensed Practical Nurses..... 17

SPECIALTY SERVICES:

Burn Unit..... No
Cardiac Intensive Care..... No
Comprehensive Geriatric..... No
Hospice Care..... No
Medical/Surgical Intensive Care..... No
Organ/Tissue Transplant..... No
Other Intensive Care..... No
Rehabilitation Unit..... No
Trauma Center..... No

** Not used in calculating hospital mortality rates.

NEOSHO MEMORIAL HOSPITAL

Medicare Provider Number: 170143

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	614	13.8	11.8	1.8	18.4	17.5	1.7	21.7	21.9	1.7
CONDITIONS:										
Acute Myocardial Infarction.....	16	56.3	34.8	*	56.3	38.2	*	56.3	41.9	*
Congestive Heart Failure.....	27	25.9	17.5	*	37.0	25.8	*	37.0	32.7	*
Pneumonia/Influenza.....	35	22.9	20.0	*	28.6	26.6	*	31.4	31.7	*
Chronic Obstructive Pulmonary Disease.....	14	0.0	6.9	*	0.0	12.0	*	7.1	16.7	*
Transient Cerebral Ischemia.....	8	0.0	3.0	*	0.0	7.6	*	12.5	12.6	*
Stroke.....	27	25.9	18.6	*	33.3	26.1	*	37.0	30.9	*
Hip Fracture.....	26	11.5	5.7	*	15.4	10.9	*	19.2	14.5	*
Sepsis.....	9	0.0	25.8	*	0.0	32.8	*	0.0	38.8	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	1	100.0	10.8	*	100.0	16.4	*	100.0	19.8	*
Carotid Endarterectomy.....	1	0.0	2.4	*	0.0	5.1	*	0.0	7.8	*
Hip Replacement/Reconstruction.....	20	10.0	4.7	*	15.0	9.6	*	20.0	13.0	*
Open Reduction of Hip Fracture.....	8	12.5	5.1	*	12.5	9.8	*	12.5	13.1	*
Prostatectomy.....	12	8.3	1.1	*	8.3	2.7	*	8.3	4.4	*
Cholecystectomy.....	15	13.3	2.0	*	13.3	3.7	*	13.3	4.8	*
Hysterectomy.....	10	0.0	0.7	*	0.0	1.4	*	0.0	2.2	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	604	13.7	10.4	1.8	17.9	15.4	1.8	21.5	19.4	1.8
CONDITIONS:										
Acute Myocardial Infarction.....	22	63.6	30.5	*	63.6	34.5	*	68.2	38.4	*
Congestive Heart Failure.....	20	30.0	15.4	*	35.0	23.3	*	35.0	30.0	*
Pneumonia/Influenza.....	45	15.6	15.2	*	22.2	20.5	*	26.7	25.2	*
Chronic Obstructive Pulmonary Disease.....	9	11.1	6.2	*	11.1	10.2	*	11.1	14.6	*
Transient Cerebral Ischemia.....	11	9.1	2.3	*	9.1	5.5	*	18.2	9.0	*
Stroke.....	23	8.7	17.4	*	13.0	25.2	*	17.4	29.8	*
Hip Fracture.....	19	15.8	6.0	*	21.1	11.4	*	26.3	15.3	*
Sepsis.....	15	33.3	29.7	*	33.3	38.4	*	33.3	45.3	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	1	0.0	1.2	*	0.0	2.9	*	0.0	4.7	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	10	20.0	2.8	*	30.0	5.4	*	30.0	7.4	*
Open Reduction of Hip Fracture.....	9	0.0	4.8	*	0.0	9.5	*	0.0	13.0	*
Prostatectomy.....	16	12.5	1.2	*	12.5	3.1	*	12.5	5.3	*
Cholecystectomy.....	6	0.0	0.8	*	0.0	1.4	*	0.0	1.9	*
Hysterectomy.....	3	0.0	0.2	*	0.0	0.3	*	0.0	0.5	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

NEWMAN MEMORIAL COUNTY HOSPITAL

12th & Chestnut Sts

Emporia, KS 66801

Medicare Provider Number: 170001

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	954	8.4	8.2	1.5	12.4	12.6	1.5	15.8	16.3	1.3
CONDITIONS:										
Acute Myocardial Infarction.....	30	23.3	34.3	*	33.3	38.1	*	40.0	42.3	*
Congestive Heart Failure.....	62	17.7	13.9	5.6	27.4	22.0	6.8	37.1	28.7	9.7
Pneumonia/Influenza.....	75	14.7	15.8	4.5	20.0	21.9	5.4	25.3	26.8	5.2
Chronic Obstructive Pulmonary Disease.....	4	0.0	6.6	*	0.0	14.6	*	0.0	22.3	*
Transient Cerebral Ischemia.....	18	0.0	2.0	*	0.0	4.5	*	5.6	7.4	*
Stroke.....	30	23.3	18.7	*	36.7	25.0	*	43.3	29.5	*
Hip Fracture.....	27	3.7	6.4	*	7.4	11.9	*	11.1	15.6	*
Sepsis.....	8	25.0	17.0	*	37.5	22.3	*	37.5	27.9	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	10	0.0	9.2	*	0.0	15.2	*	0.0	19.1	*
Carotid Endarterectomy.....	11	0.0	1.7	*	0.0	3.2	*	0.0	4.9	*
Hip Replacement/Reconstruction.....	28	0.0	1.7	*	3.6	3.5	*	3.6	5.1	*
Open Reduction of Hip Fracture.....	14	0.0	6.4	*	0.0	12.1	*	7.1	15.8	*
Prostatectomy.....	46	0.0	1.0	*	0.0	2.4	*	2.2	4.1	*
Cholecystectomy.....	22	4.5	4.4	*	4.5	8.6	*	4.5	11.7	*
Hysterectomy.....	8	0.0	0.2	*	0.0	0.5	*	0.0	0.7	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 141
 Occupancy Rate..... 51
 Ownership/Control..... Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 35
 Percent of Physicians Board Certified Specialists..... 86
 Medical Residents/Interns..... 0
 Registered Nurses..... 98
 Licensed Practical Nurses..... 32

SPECIALTY SERVICES:

Burn Unit..... No
 Cardiac Intensive Care..... No
 Comprehensive Geriatric..... No
 Hospice Care..... No
 Medical/Surgical Intensive Care..... Yes
 Organ/Tissue Transplant..... No
 Other Intensive Care..... No
 Rehabilitation Unit..... No
 Trauma Center..... No

** Not used in calculating hospital mortality rates.

NEWMAN MEMORIAL COUNTY HOSPITAL

Medicare Provider Number: 170001

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	958	7.2	9.0	1.2	11.7	13.6	1.6	14.7	17.2	1.6
CONDITIONS:										
Acute Myocardial Infarction.....	28	21.4	30.6	*	25.0	34.1	*	25.0	37.6	*
Congestive Heart Failure.....	59	3.4	15.7	6.1	13.6	24.4	8.0	32.2	31.5	15.4
Pneumonia/Influenza.....	68	8.8	18.5	5.5	13.2	25.2	6.6	13.2	30.3	7.6
Chronic Obstructive Pulmonary Disease.....	8	25.0	4.6	*	25.0	8.3	*	25.0	11.7	*
Transient Cerebral Ischemia.....	24	0.0	1.9	*	0.0	4.0	*	0.0	6.3	*
Stroke.....	30	16.7	22.6	*	33.3	30.7	*	36.7	36.0	*
Hip Fracture.....	25	0.0	6.2	*	4.0	11.8	*	12.0	15.4	*
Sepsis.....	5	20.0	39.0	*	40.0	46.8	*	60.0	53.7	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	5	0.0	3.0	*	0.0	6.7	*	40.0	10.6	*
Carotid Endarterectomy.....	7	0.0	1.5	*	0.0	2.9	*	0.0	4.3	*
Hip Replacement/Reconstruction.....	23	0.0	1.8	*	0.0	3.5	*	0.0	4.8	*
Open Reduction of Hip Fracture.....	15	0.0	6.3	*	6.7	12.3	*	20.0	16.4	*
Prostatectomy.....	62	0.0	0.7	1.7	3.2	1.8	2.1	3.2	3.0	2.7
Cholecystectomy.....	21	4.8	3.9	*	9.5	7.6	*	9.5	10.2	*
Hysterectomy.....	15	0.0	0.4	*	0.0	0.9	*	0.0	1.2	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	850	8.4	9.1	1.5	12.4	13.7	1.8	15.8	17.5	2.2
CONDITIONS:										
Acute Myocardial Infarction.....	33	18.2	34.6	*	27.3	38.1	*	33.3	41.9	*
Congestive Heart Failure.....	56	19.6	17.1	6.1	28.6	26.5	6.1	33.9	34.1	7.5
Pneumonia/Influenza.....	47	8.5	16.4	*	14.9	22.8	*	19.1	27.8	*
Chronic Obstructive Pulmonary Disease.....	18	11.1	9.5	*	11.1	18.0	*	33.3	24.7	*
Transient Cerebral Ischemia.....	26	3.8	1.8	*	3.8	3.9	*	3.8	6.1	*
Stroke.....	35	25.7	19.9	*	31.4	25.8	*	34.3	30.4	*
Hip Fracture.....	31	6.5	6.7	*	9.7	12.4	*	12.9	16.2	*
Sepsis.....	7	14.3	22.7	*	14.3	29.0	*	14.3	34.6	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	7	0.0	11.9	*	14.3	17.9	*	14.3	22.2	*
Carotid Endarterectomy.....	10	0.0	1.4	*	0.0	2.5	*	0.0	3.6	*
Hip Replacement/Reconstruction.....	10	0.0	4.8	*	0.0	8.7	*	20.0	11.5	*
Open Reduction of Hip Fracture.....	17	11.8	6.1	*	11.8	11.8	*	11.8	15.7	*
Prostatectomy.....	34	0.0	1.1	*	0.0	2.7	*	0.0	4.5	*
Cholecystectomy.....	16	0.0	1.2	*	0.0	2.0	*	0.0	2.7	*
Hysterectomy.....	7	28.6	1.6	*	28.6	3.5	*	28.6	5.5	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

NEWTON MEDICAL CENTER

411 SE 2nd Box 308

Newton, KS 67114

Medicare Provider Number: 170103

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	976	9.1	8.7	1.0	12.7	13.4	1.3	16.9	17.1	1.2
CONDITIONS:										
Acute Myocardial Infarction.....	26	38.5	30.5	*	38.5	34.2	*	50.0	38.0	*
Congestive Heart Failure.....	46	15.2	13.8	*	15.2	21.1	*	23.9	27.4	*
Pneumonia/Influenza.....	64	9.4	15.9	9.5	14.1	21.4	10.8	18.8	25.7	11.8
Chronic Obstructive Pulmonary Disease.....	10	40.0	5.6	*	40.0	10.5	*	40.0	15.3	*
Transient Cerebral Ischemia.....	11	0.0	2.2	*	9.1	4.8	*	9.1	7.6	*
Stroke.....	35	17.1	21.2	*	20.0	28.6	*	31.4	33.2	*
Hip Fracture.....	36	2.8	7.2	*	13.9	12.8	*	13.9	16.5	*
Sepsis.....	14	21.4	23.8	*	21.4	30.3	*	28.6	35.7	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	10	10.0	4.9	*	10.0	8.2	*	10.0	11.2	*
Carotid Endarterectomy.....	1	0.0	1.2	*	0.0	2.4	*	0.0	3.5	*
Hip Replacement/Reconstruction.....	22	4.5	2.4	*	9.1	4.6	*	9.1	6.5	*
Open Reduction of Hip Fracture.....	20	5.0	6.2	*	5.0	11.5	*	5.0	15.1	*
Prostatectomy.....	65	0.0	0.9	2.4	0.0	2.3	5.2	6.2	3.9	4.6
Cholecystectomy.....	29	6.9	4.6	*	10.3	8.3	*	10.3	10.8	*
Hysterectomy.....	12	8.3	1.4	*	8.3	3.3	*	8.3	5.2	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 84
 Occupancy Rate..... 57
 Ownership/Control..... Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 37
 Percent of Physicians Board Certified Specialists..... 84
 Medical Residents/Interns..... 0
 Registered Nurses..... 77
 Licensed Practical Nurses..... 14

SPECIALTY SERVICES:

Burn Unit..... No
 Cardiac Intensive Care..... No
 Comprehensive Geriatric..... Yes
 Hospice Care..... No
 Medical/Surgical Intensive Care..... Yes
 Organ/Tissue Transplant..... No
 Other Intensive Care..... No
 Rehabilitation Unit..... No
 Trauma Center..... No

** Not used in calculating hospital mortality rates.

NEWTON MEDICAL CENTER

Medicare Provider Number: 170103

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	907	10.8	8.9	1.3	14.3	13.4	1.2	18.1	17.0	1.3
CONDITIONS:										
Acute Myocardial Infarction.....	38	42.1	31.9	*	42.1	36.2	#	44.7	40.2	*
Congestive Heart Failure.....	35	14.3	14.7	*	31.4	22.2	#	37.1	28.7	*
Pneumonia/Influenza.....	40	22.5	18.5	*	25.0	25.1	*	25.0	30.0	*
Chronic Obstructive Pulmonary Disease.....	3	0.0	9.1	*	0.0	15.0	*	0.0	20.1	*
Transient Cerebral Ischemia.....	16	0.0	2.3	#	0.0	5.1	#	6.3	8.1	*
Stroke.....	38	26.3	23.1	*	34.2	31.6	*	42.1	36.9	#
Hip Fracture.....	38	5.3	5.7	*	10.5	10.4	#	13.2	13.5	#
Sepsis.....	4	0.0	29.1	#	25.0	37.3	*	25.0	44.0	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	8	0.0	2.7	*	25.0	5.2	#	37.5	7.7	#
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	26	3.8	2.7	#	7.7	5.3	#	7.7	7.1	*
Open Reduction of Hip Fracture.....	19	5.3	5.1	*	10.5	9.7	*	15.8	12.7	*
Prostatectomy.....	57	0.0	0.9	*	0.0	2.2	#	0.0	3.7	*
Cholecystectomy.....	18	0.0	2.9	*	0.0	5.4	*	0.0	6.9	#
Hysterectomy.....	12	0.0	0.7	*	0.0	1.5	*	8.3	2.4	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	565	10.1	9.8	1.3	14.0	14.3	1.5	17.9	17.9	1.6
CONDITIONS:										
Acute Myocardial Infarction.....	28	42.9	38.8	*	46.4	42.6	*	46.4	46.4	*
Congestive Heart Failure.....	18	22.2	16.9	*	22.2	25.6	*	27.8	32.8	*
Pneumonia/Influenza.....	25	8.0	17.0	*	8.0	22.8	*	12.0	27.4	#
Chronic Obstructive Pulmonary Disease.....	2	0.0	7.9	*	0.0	12.4	*	0.0	16.4	*
Transient Cerebral Ischemia.....	13	0.0	1.3	*	0.0	3.0	*	0.0	4.8	#
Stroke.....	24	29.2	20.6	*	33.3	28.0	*	41.7	32.8	#
Hip Fracture.....	22	0.0	5.4	*	4.5	9.8	*	4.5	12.7	*
Sepsis.....	6	16.7	33.8	*	16.7	41.9	*	33.3	48.8	#
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	10	0.0	5.2	*	0.0	8.7	*	0.0	12.2	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	13	0.0	2.9	*	0.0	5.6	*	0.0	7.6	*
Open Reduction of Hip Fracture.....	10	0.0	5.3	*	0.0	9.9	#	0.0	13.0	*
Prostatectomy.....	39	2.6	1.2	*	2.6	2.6	#	7.7	4.2	*
Cholecystectomy.....	8	0.0	2.4	*	12.5	4.7	*	25.0	6.5	*
Hysterectomy.....	6	0.0	0.3	*	0.0	0.5	*	0.0	0.8	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

NORTHWEST KANSAS REGIONAL MEDICAL CENTER

1st and Sherman Sts

Goodland, KS 67735

Medicare Provider Number: 170097

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	194	12.9	8.8	3.1	18.6	13.2	3.8	22.2	16.9	4.2
CONDITIONS:										
Acute Myocardial Infarction.....	7	42.9	30.5	*	42.9	34.2	*	42.9	38.3	*
Congestive Heart Failure.....	7	0.0	16.1	*	14.3	24.5	*	28.6	31.8	*
Pneumonia/Influenza.....	16	31.3	21.4	*	37.5	29.5	*	50.0	35.5	*
Chronic Obstructive Pulmonary Disease.....	4	0.0	3.4	*	25.0	7.1	*	25.0	10.7	*
Transient Cerebral Ischemia.....	6	0.0	1.9	*	0.0	4.2	*	0.0	6.8	*
Stroke.....	7	14.3	18.9	*	28.6	24.4	*	28.6	28.9	*
Hip Fracture.....	2	0.0	6.0	*	0.0	10.3	*	0.0	13.6	*
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	1	0.0	0.2	*	0.0	0.3	*	0.0	0.5	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 49
 Occupancy Rate..... 43
 Ownership/Control..... Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 3
 Percent of Physicians Board Certified Specialists.....(Not Available)
 Medical Residents/Interns..... 0
 Registered Nurses..... 15
 Licensed Practical Nurses..... 7

SPECIALTY SERVICES:

Burn Unit..... No
 Cardiac Intensive Care..... No
 Comprehensive Geriatric..... Yes
 Hospice Care..... No
 Medical/Surgical Intensive Care..... Yes
 Organ/Tissue Transplant..... No
 Other Intensive Care..... No
 Rehabilitation Unit..... No
 Trauma Center..... No

** Not used in calculating hospital mortality rates.

NORTHWEST KANSAS REGIONAL MEDICAL CENTER

Medicare Provider Number: 170097

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	182	13.2	8.5	2.7	22.0	13.0	4.6	24.2	16.9	4.4
CONDITIONS:										
Acute Myocardial Infarction.....	5	40.0	34.2	*	40.0	37.4	*	40.0	41.1	*
Congestive Heart Failure.....	13	23.1	14.3	*	38.5	22.0	*	46.2	28.7	*
Pneumonia/Influenza.....	18	11.1	13.7	*	27.8	18.6	*	27.8	22.7	*
Chronic Obstructive Pulmonary Disease.....	1	0.0	6.7	*	0.0	11.2	*	0.0	15.5	*
Transient Cerebral Ischemia.....	5	0.0	2.4	*	0.0	5.0	*	0.0	7.9	*
Stroke.....	3	33.3	13.5	*	33.3	17.6	*	33.3	21.3	*
Hip Fracture.....	0									
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	2	0.0	1.5	*	0.0	2.7	*	0.0	3.4	*
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	196	8.2	9.3	2.4	14.8	13.9	2.7	17.3	18.0	2.9
CONDITIONS:										
Acute Myocardial Infarction.....	6	33.3	31.7	*	33.3	34.3	*	33.3	37.5	*
Congestive Heart Failure.....	6	16.7	12.9	*	33.3	19.6	*	66.7	25.6	*
Pneumonia/Influenza.....	12	8.3	14.4	*	16.7	19.7	*	16.7	24.1	*
Chronic Obstructive Pulmonary Disease.....	3	0.0	10.4	*	0.0	16.0	*	0.0	21.0	*
Transient Cerebral Ischemia.....	5	0.0	2.1	*	0.0	4.2	*	20.0	6.5	*
Stroke.....	12	16.7	22.8	*	33.3	29.7	*	33.3	34.9	*
Hip Fracture.....	0									
Sepsis.....	2	0.0	35.5	*	50.0	46.2	*	50.0	53.9	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	2	0.0	1.0	*	0.0	1.8	*	0.0	2.4	*
Hysterectomy.....	1	0.0	1.3	*	0.0	2.0	*	0.0	2.6	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

NORTON COUNTY HOSPITAL

102 E Holme
Norton, KS 67654

Medicare Provider Number: 170084

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	184	8.2	9.9	2.5	11.4	14.2	3.1	13.6	17.8	4.3
CONDITIONS:										
Acute Myocardial Infarction.....	4	25.0	34.0	*	25.0	37.7	*	25.0	42.0	*
Congestive Heart Failure.....	12	25.0	14.6	*	41.7	22.7	*	41.7	29.4	*
Pneumonia/Influenza.....	17	0.0	18.5	*	11.8	24.7	*	11.8	29.5	*
Chronic Obstructive Pulmonary Disease.....	1	0.0	6.8	*	0.0	13.4	*	0.0	20.0	*
Transient Cerebral Ischemia.....	2	0.0	3.2	*	0.0	8.0	*	0.0	13.1	*
Stroke.....	9	22.2	18.6	*	22.2	24.2	*	22.2	28.8	*
Hip Fracture.....	0									
Sepsis.....	1	0.0	48.5	*	0.0	54.6	*	0.0	61.6	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	1	0.0	1.5	*	0.0	3.8	*	0.0	6.3	*
Cholecystectomy.....	3	0.0	1.5	*	0.0	2.3	*	0.0	2.8	*
Hysterectomy.....	1	0.0	0.4	*	0.0	0.7	*	0.0	0.9	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 43
Occupancy Rate..... 23
Ownership/Control..... Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 4
Percent of Physicians Board Certified Specialists..... 50
Medical Residents/Interns..... 0
Registered Nurses..... 11
Licensed Practical Nurses..... 9

SPECIALTY SERVICES:

Burn Unit..... No
Cardiac Intensive Care..... No
Comprehensive Geriatric..... No
Hospice Care..... No
Medical/Surgical Intensive Care..... No
Organ/Tissue Transplant..... No
Other Intensive Care..... No
Rehabilitation Unit..... No
Trauma Center..... No

** Not used in calculating hospital mortality rates.

NORTON COUNTY HOSPITAL

Medicare Provider Number: 170084

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	211	9.0	9.8	2.2	14.2	14.2	3.5	16.1	18.0	4.0
CONDITIONS:										
Acute Myocardial Infarction.....	9	22.2	30.0	*	22.2	33.1	*	22.2	36.9	*
Congestive Heart Failure.....	9	33.3	17.8	*	44.4	27.5	*	44.4	35.1	*
Pneumonia/Influenza.....	18	5.6	18.9	*	11.1	24.9	*	11.1	29.3	*
Chronic Obstructive Pulmonary Disease.....	1	0.0	2.9	*	0.0	6.0	*	0.0	8.8	*
Transient Cerebral Ischemia.....	2	0.0	3.1	*	0.0	6.9	*	0.0	11.1	*
Stroke.....	12	41.7	21.1	*	66.7	27.8	*	75.0	32.9	*
Hip Fracture.....	0									
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	5	0.0	2.0	*	0.0	4.4	*	0.0	6.9	*
Hysterectomy.....	1	0.0	0.3	*	0.0	0.5	*	0.0	0.8	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	210	12.4	9.8	3.0	14.8	14.7	2.5	19.0	18.8	2.7
CONDITIONS:										
Acute Myocardial Infarction.....	12	33.3	24.6	*	33.3	27.8	*	33.3	31.7	*
Congestive Heart Failure.....	6	16.7	17.9	*	16.7	28.3	*	16.7	36.5	*
Pneumonia/Influenza.....	19	26.3	13.7	*	26.3	18.4	*	36.8	22.5	*
Chronic Obstructive Pulmonary Disease.....	3	0.0	6.5	*	0.0	13.6	*	0.0	19.4	*
Transient Cerebral Ischemia.....	6	0.0	3.5	*	0.0	8.0	*	0.0	13.2	*
Stroke.....	13	23.1	22.4	*	23.1	29.6	*	23.1	34.9	*
Hip Fracture.....	0									
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	1	0.0	1.1	*	0.0	1.9	*	0.0	2.7	*
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

OLATHE COMMUNITY HOSPITAL

300 S Rogers Rd
Olathe, KS 66061

Medicare Provider Number: 170049

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,436	8.1	9.4	1.2	12.5	14.5	1.3	16.5	18.5	1.3
CONDITIONS:										
Acute Myocardial Infarction.....	21	23.8	29.7	*	28.6	33.4	*	28.6	37.1	*
Congestive Heart Failure.....	52	5.8	16.4	7.1	17.3	25.1	7.9	26.9	32.1	7.4
Pneumonia/Influenza.....	81	18.5	16.4	4.5	22.2	22.4	4.8	29.6	26.9	5.7
Chronic Obstructive Pulmonary Disease.....	15	0.0	6.3	*	6.7	12.8	*	13.3	18.8	*
Transient Cerebral Ischemia.....	27	3.7	2.0	*	3.7	4.5	*	3.7	7.1	*
Stroke.....	41	19.5	22.5	*	24.4	29.5	*	29.3	34.4	*
Hip Fracture.....	63	3.2	7.4	5.3	9.5	12.8	7.4	9.5	16.5	8.3
Sepsis.....	17	47.1	33.7	*	52.9	42.2	*	58.8	49.0	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	10	20.0	7.2	*	20.0	11.4	*	30.0	14.8	*
Carotid Endarterectomy.....	10	0.0	1.6	*	0.0	3.3	*	0.0	5.1	*
Hip Replacement/Reconstruction.....	42	2.4	4.4	*	9.5	8.1	*	9.5	10.7	*
Open Reduction of Hip Fracture.....	17	0.0	8.2	*	5.9	14.6	*	5.9	18.6	*
Prostatectomy.....	30	0.0	1.0	*	0.0	2.5	*	0.0	4.2	*
Cholecystectomy.....	38	2.6	2.8	*	5.3	4.9	*	10.5	6.3	*
Hysterectomy.....	9	0.0	1.2	*	0.0	2.9	*	11.1	5.0	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 130
Occupancy Rate..... 68
Ownership/Control..... Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 102
Percent of Physicians Board Certified Specialists..... 91
Medical Residents/Interns..... 0
Registered Nurses..... 148
Licensed Practical Nurses..... 11

SPECIALTY SERVICES:

Burn Unit..... No
Cardiac Intensive Care..... No
Comprehensive Geriatric..... No
Hospice Care..... Yes
Medical/Surgical Intensive Care..... Yes
Organ/Tissue Transplant..... No
Other Intensive Care..... No
Rehabilitation Unit..... No
Trauma Center..... No

** Not used in calculating hospital mortality rates.

OLATHE COMMUNITY HOSPITAL

Medicare Provider Number: 170049

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	1,380	7.7	9.4	1.1	12.5	14.5	1.4	15.9	18.5	1.5
CONDITIONS:										
Acute Myocardial Infarction.....	19	26.3	29.4	*	42.1	33.0	*	42.1	36.8	*
Congestive Heart Failure.....	49	12.2	16.0	*	20.4	24.3	*	24.5	31.2	*
Pneumonia/Influenza.....	54	14.8	17.6	6.0	24.1	23.9	6.7	29.6	28.6	6.5
Chronic Obstructive Pulmonary Disease.....	29	3.4	5.6	*	10.3	11.3	*	10.3	16.6	*
Transient Cerebral Ischemia.....	16	0.0	2.2	*	6.3	5.0	*	6.3	7.9	*
Stroke.....	33	18.2	23.3	*	21.2	30.3	*	27.3	35.2	*
Hip Fracture.....	72	8.3	8.3	5.5	18.1	14.9	5.8	22.2	19.1	6.6
Sepsis.....	15	33.3	23.9	*	40.0	30.3	*	53.3	36.3	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	11	0.0	3.5	*	9.1	7.0	*	18.2	10.0	*
Carotid Endarterectomy.....	7	0.0	1.8	*	0.0	3.3	*	0.0	4.7	*
Hip Replacement/Reconstruction.....	53	3.8	3.9	2.8	9.4	7.5	4.4	11.3	10.1	5.8
Open Reduction of Hip Fracture.....	34	8.8	8.6	*	20.6	16.3	*	23.5	21.3	*
Prostatectomy.....	64	1.6	0.9	1.5	4.7	2.2	2.8	4.7	3.7	3.0
Cholecystectomy.....	30	0.0	3.5	*	3.3	6.2	*	3.3	8.3	*
Hysterectomy.....	7	0.0	2.6	*	14.3	5.4	*	14.3	7.7	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	1,301	7.8	8.4	0.9	11.8	12.9	1.3	15.1	16.6	1.7
CONDITIONS:										
Acute Myocardial Infarction.....	23	30.4	33.4	*	30.4	37.1	*	39.1	40.6	*
Congestive Heart Failure.....	49	26.5	16.0	*	30.6	23.7	*	42.9	30.5	*
Pneumonia/Influenza.....	51	17.6	15.5	5.4	21.6	21.5	6.4	27.5	26.3	6.4
Chronic Obstructive Pulmonary Disease.....	21	9.5	9.6	*	19.0	15.4	*	19.0	20.1	*
Transient Cerebral Ischemia.....	23	0.0	2.3	*	4.3	5.1	*	8.7	8.1	*
Stroke.....	50	20.0	20.1	*	24.0	26.7	*	28.0	31.5	*
Hip Fracture.....	59	8.5	6.9	6.3	18.6	12.5	6.7	20.3	16.4	5.8
Sepsis.....	8	12.5	20.1	*	12.5	26.9	*	25.0	32.0	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	10	0.0	2.4	*	0.0	5.1	*	0.0	8.0	*
Carotid Endarterectomy.....	7	0.0	1.9	*	0.0	3.6	*	0.0	5.4	*
Hip Replacement/Reconstruction.....	33	0.0	3.0	*	3.0	5.6	*	3.0	7.4	*
Open Reduction of Hip Fracture.....	30	3.3	6.2	*	16.7	12.0	*	20.0	16.0	*
Prostatectomy.....	62	3.2	1.2	2.3	4.8	2.8	2.8	4.8	4.6	3.0
Cholecystectomy.....	33	3.0	2.2	*	6.1	3.8	*	6.1	4.8	*
Hysterectomy.....	11	0.0	0.9	*	0.0	1.9	*	0.0	2.8	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

OSBORNE COUNTY MEMORIAL HOSPITAL

424 W New Hampshire St
Osborne, KS 67473

Medicare Provider Number: 170041

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	116	17.2	12.7	4.0	24.1	18.5	4.4	31.0	23.4	5.3
CONDITIONS:										
Acute Myocardial Infarction.....	10	50.0	31.2	*	60.0	35.3	*	60.0	39.7	*
Congestive Heart Failure.....	19	21.1	15.8	*	31.6	24.8	*	47.4	32.1	*
Pneumonia/Influenza.....	12	33.3	22.5	*	41.7	30.5	*	50.0	36.3	*
Chronic Obstructive Pulmonary Disease.....	4	0.0	8.3	*	25.0	16.0	*	25.0	23.1	*
Transient Cerebral Ischemia.....	1	0.0	2.6	*	0.0	5.9	*	0.0	9.5	*
Stroke.....	3	0.0	15.2	*	33.3	20.9	*	33.3	24.9	*
Hip Fracture.....	1	0.0	3.0	*	100.0	6.2	*	100.0	8.7	*
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	1	0.0	2.8	*	100.0	5.9	*	100.0	8.4	*
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	2	0.0	0.8	*	0.0	1.3	*	0.0	1.7	*
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1988

Total Beds..... 29
Occupancy Rate..... 10
Ownership/Control..... Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 5
Percent of Physicians Board Certified Specialists..... 100
Medical Residents/Interns..... 0
Registered Nurses..... 9
Licensed Practical Nurses..... 4

SPECIALTY SERVICES:

Burn Unit..... No
Cardiac Intensive Care..... No
Comprehensive Geriatric..... No
Hospice Care..... No
Medical/Surgical Intensive Care..... No
Organ/Tissue Transplant..... No
Other Intensive Care..... No
Rehabilitation Unit..... No
Trauma Center..... No

** Not used in calculating hospital mortality rates.

OSBORNE COUNTY MEMORIAL HOSPITAL

Medicare Provider Number: 170041

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	103	25.2	14.2	5.1	29.1	20.8	5.2	35.9	25.9	5.6
CONDITIONS:										
Acute Myocardial Infarction.....	3	33.3	32.9	*	66.7	36.6	*	66.7	40.3	*
Congestive Heart Failure.....	15	46.7	16.7	*	46.7	25.8	*	53.3	33.0	*
Pneumonia/Influenza.....	12	33.3	21.7	*	41.7	29.3	*	50.0	34.9	*
Chronic Obstructive Pulmonary Disease.....	1	0.0	4.6	*	0.0	8.3	*	0.0	12.1	*
Transient Cerebral Ischemia.....	1	0.0	1.8	*	0.0	4.5	*	0.0	8.0	*
Stroke.....	4	25.0	29.5	*	25.0	38.2	*	25.0	44.2	*
Hip Fracture.....	2	0.0	5.3	*	0.0	10.7	*	0.0	14.8	*
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	1	0.0	4.0	*	0.0	8.1	*	0.0	11.2	*
Prostatectomy.....	0									
Cholecystectomy.....	3	0.0	2.3	*	0.0	4.6	*	0.0	6.2	*
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	147	17.0	11.2	4.0	24.5	17.2	4.6	27.9	22.1	4.5
CONDITIONS:										
Acute Myocardial Infarction.....	5	40.0	36.2	*	40.0	41.7	*	40.0	46.3	*
Congestive Heart Failure.....	13	30.8	12.6	*	38.5	20.0	*	46.2	26.4	*
Pneumonia/Influenza.....	7	0.0	15.9	*	0.0	22.3	*	0.0	27.5	*
Chronic Obstructive Pulmonary Disease.....	6	16.7	8.8	*	33.3	16.9	*	50.0	24.5	*
Transient Cerebral Ischemia.....	1	0.0	1.6	*	0.0	3.6	*	0.0	5.8	*
Stroke.....	5	40.0	25.0	*	40.0	34.8	*	60.0	41.0	*
Hip Fracture.....	1	0.0	5.1	*	0.0	10.3	*	0.0	14.1	*
Sepsis.....	1	100.0	35.4	*	100.0	53.1	*	100.0	63.6	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	1	0.0	4.3	*	0.0	9.2	*	0.0	13.0	*
Prostatectomy.....	0									
Cholecystectomy.....	2	0.0	1.3	*	0.0	2.3	*	0.0	2.9	*
Hysterectomy.....	2	0.0	0.3	*	0.0	0.5	*	0.0	0.8	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

OSWEGO MEMORIAL HOSPITAL

900 Barker Drive
Oswego, KS 67356

Medicare Provider Number: 170159

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	126	12.7	11.5	3.0	19.0	17.4	3.7	23.0	21.8	5.0
CONDITIONS:										
Acute Myocardial Infarction.....	0									
Congestive Heart Failure.....	8	0.0	16.9	*	0.0	26.5	*	12.5	34.2	*
Pneumonia/Influenza.....	21	9.5	20.1	*	23.8	27.5	*	28.6	32.8	*
Chronic Obstructive Pulmonary Disease.....	1	0.0	7.1	*	0.0	13.1	*	0.0	18.6	*
Transient Cerebral Ischemia.....	1	0.0	0.9	*	0.0	2.3	*	0.0	3.7	*
Stroke.....	5	0.0	22.4	*	0.0	29.0	*	0.0	33.8	*
Hip Fracture.....	0									
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	3	0.0	2.3	*	0.0	6.2	*	33.3	11.2	*
Cholecystectomy.....	0									
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 18
Occupancy Rate..... 33
Ownership/Control..... Private, For Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 9
Percent of Physicians Board Certified Specialists..... (Not Available)
Medical Residents/Interns..... 0
Registered Nurses..... 8
Licensed Practical Nurses..... 3

SPECIALTY SERVICES:

Burn Unit..... No
Cardiac Intensive Care..... No
Comprehensive Geriatric..... No
Hospice Care..... No
Medical/Surgical Intensive Care..... No
Organ/Tissue Transplant..... No
Other Intensive Care..... No
Rehabilitation Unit..... No
Trauma Center..... No

** Not used in calculating hospital mortality rates.

OSWEGO MEMORIAL HOSPITAL

Medicare Provider Number: 170159

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	154	7.8	8.9	2.8	13.0	13.8	3.0	16.2	17.8	4.0
CONDITIONS:										
Acute Myocardial Infarction.....	3	0.0	38.3	*	0.0	45.7	*	0.0	50.4	*
Congestive Heart Failure.....	9	0.0	17.3	*	11.1	26.3	*	22.2	33.6	*
Pneumonia/Influenza.....	13	15.4	17.5	*	23.1	23.6	*	23.1	28.4	*
Chronic Obstructive Pulmonary Disease.....	3	0.0	3.3	*	0.0	6.8	*	0.0	10.0	*
Transient Cerebral Ischemia.....	1	0.0	2.0	*	0.0	4.0	*	0.0	6.1	*
Stroke.....	6	0.0	16.0	*	0.0	23.4	*	0.0	28.1	*
Hip Fracture.....	0									
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	7	0.0	1.2	*	0.0	3.0	*	0.0	4.9	*
Cholecystectomy.....	3	0.0	1.4	*	0.0	2.4	*	0.0	3.2	*
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	154	12.3	9.8	2.8	17.5	14.9	3.3	24.0	19.1	4.1
CONDITIONS:										
Acute Myocardial Infarction.....	4	50.0	28.6	*	50.0	32.0	*	50.0	35.4	*
Congestive Heart Failure.....	6	16.7	17.6	*	16.7	27.0	*	16.7	33.6	*
Pneumonia/Influenza.....	16	25.0	15.3	*	25.0	21.5	*	31.3	26.4	*
Chronic Obstructive Pulmonary Disease.....	1	0.0	11.0	*	0.0	16.0	*	0.0	20.3	*
Transient Cerebral Ischemia.....	1	0.0	2.8	*	0.0	4.7	*	0.0	6.9	*
Stroke.....	7	28.6	16.4	*	42.9	22.7	*	57.1	27.0	*
Hip Fracture.....	1	100.0	9.2	*	100.0	19.3	*	100.0	27.0	*
Sepsis.....	2	100.0	34.0	*	100.0	47.3	*	100.0	56.6	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	5	0.0	0.8	*	0.0	1.8	*	0.0	2.9	*
Cholecystectomy.....	0									
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

OTTAWA COUNTY HOSPITAL

215 East Eighth
Minneapolis, KS 67467

Medicare Provider Number: 170126

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	150	14.7	10.8	4.5	17.3	15.8	5.0	22.0	19.8	5.6
CONDITIONS:										
Acute Myocardial Infarction.....	13	30.8	26.3	*	30.8	28.7	*	38.5	31.6	*
Congestive Heart Failure.....	6	16.7	18.7	*	16.7	29.2	*	50.0	36.9	*
Pneumonia/Influenza.....	3	0.0	8.9	*	0.0	12.5	*	0.0	15.4	*
Chronic Obstructive Pulmonary Disease.....	5	0.0	3.7	*	0.0	6.8	*	0.0	9.8	*
Transient Cerebral Ischemia.....	2	0.0	1.1	*	0.0	2.4	*	0.0	3.7	*
Stroke.....	13	23.1	18.2	*	30.8	26.0	*	38.5	30.8	*
Hip Fracture.....	1	0.0	1.8	*	0.0	3.5	*	0.0	4.8	*
Sepsis.....	2	50.0	23.5	*	50.0	28.6	*	50.0	33.5	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 43
Occupancy Rate..... 88
Ownership/Control..... Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 4
Percent of Physicians Board Certified Specialists..... 100
Medical Residents/Interns..... (Not Available)
Registered Nurses..... (Not Available)
Licensed Practical Nurses..... (Not Available)

SPECIALTY SERVICES:

Burn Unit..... No
Cardiac Intensive Care..... No
Comprehensive Geriatric..... No
Hospice Care..... No
Medical/Surgical Intensive Care..... No
Organ/Tissue Transplant..... No
Other Intensive Care..... No
Rehabilitation Unit..... No
Trauma Center..... No

** Not used in calculating hospital mortality rates.

OTTAWA COUNTY HOSPITAL

Medicare Provider Number: 170126

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	152	15.1	8.8	3.0	17.1	13.3	3.5	22.4	17.0	3.4
CONDITIONS:										
Acute Myocardial Infarction.....	7	28.6	26.9	*	28.6	30.2	*	28.6	33.3	*
Congestive Heart Failure.....	6	0.0	12.8	*	0.0	19.7	*	16.7	25.7	*
Pneumonia/Influenza.....	9	22.2	16.7	*	22.2	23.3	*	22.2	28.1	*
Chronic Obstructive Pulmonary Disease.....	4	0.0	4.8	*	25.0	9.4	*	25.0	13.7	*
Transient Cerebral Ischemia.....	4	0.0	1.9	*	0.0	4.6	*	25.0	7.8	*
Stroke.....	8	62.5	19.0	*	62.5	26.3	*	62.5	31.4	*
Hip Fracture.....	0									
Sepsis.....	2	50.0	20.7	*	50.0	27.0	*	50.0	32.7	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	159	10.1	8.9	2.6	15.7	13.5	3.3	18.2	17.2	3.5
CONDITIONS:										
Acute Myocardial Infarction.....	8	25.0	25.7	*	37.5	29.9	*	37.5	33.4	*
Congestive Heart Failure.....	6	16.7	12.2	*	16.7	18.9	*	16.7	24.6	*
Pneumonia/Influenza.....	10	20.0	15.7	*	30.0	22.3	*	30.0	27.5	*
Chronic Obstructive Pulmonary Disease.....	4	0.0	5.8	*	0.0	12.0	*	0.0	17.4	*
Transient Cerebral Ischemia.....	2	0.0	1.2	*	0.0	2.6	*	0.0	4.0	*
Stroke.....	12	16.7	20.8	*	25.0	28.5	*	33.3	33.2	*
Hip Fracture.....	1	0.0	8.7	*	0.0	19.3	*	0.0	28.8	*
Sepsis.....	1	0.0	31.5	*	0.0	45.6	*	100.0	59.5	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

PHILLIPS COUNTY HOSPITAL

1150 State St
Phillipsburg, KS 67661

Medicare Provider Number: 170061

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	203	7.4	12.5	2.7	12.3	17.7	3.6	14.3	22.1	3.6
CONDITIONS:										
Acute Myocardial Infarction.....	9	11.1	32.9	*	22.2	37.5	*	22.2	41.5	*
Congestive Heart Failure.....	10	0.0	17.2	*	0.0	25.2	*	10.0	32.2	*
Pneumonia/Influenza.....	16	18.8	20.5	*	25.0	28.2	*	25.0	34.0	*
Chronic Obstructive Pulmonary Disease.....	5	0.0	4.7	*	0.0	9.7	*	0.0	14.5	*
Transient Cerebral Ischemia.....	4	0.0	2.1	*	0.0	4.9	*	0.0	8.0	*
Stroke.....	5	40.0	26.0	*	40.0	32.5	*	40.0	37.2	*
Hip Fracture.....	5	20.0	8.2	*	20.0	15.1	*	20.0	19.8	*
Sepsis.....	5	20.0	34.7	*	40.0	42.0	*	60.0	49.1	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	4	25.0	8.1	*	25.0	15.3	*	25.0	20.2	*
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	1	0.0	3.5	*	0.0	9.1	*	0.0	15.6	*
Cholecystectomy.....	2	0.0	1.4	*	0.0	2.2	*	0.0	2.9	*
Hysterectomy.....	2	0.0	1.7	*	0.0	4.4	*	0.0	7.5	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 62
Occupancy Rate..... 69
Ownership/Control..... Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 5
Percent of Physicians Board Certified Specialists.....(Not Available)
Medical Residents/Interns..... 0
Registered Nurses..... 12
Licensed Practical Nurses..... 2

SPECIALTY SERVICES:

Burn Unit..... No
Cardiac Intensive Care..... No
Comprehensive Geriatric..... No
Hospice Care..... No
Medical/Surgical Intensive Care..... No
Organ/Tissue Transplant..... No
Other Intensive Care..... No
Rehabilitation Unit..... No
Trauma Center..... No

** Not used in calculating hospital mortality rates.

PHILLIPS COUNTY HOSPITAL

Medicare Provider Number: 170061

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	256	11.3	11.8	2.1	16.0	17.5	2.7	20.7	21.8	2.8
CONDITIONS:										
Acute Myocardial Infarction.....	8	50.0	39.3	*	50.0	47.0	*	50.0	51.9	*
Congestive Heart Failure.....	11	36.4	19.4	*	45.5	29.8	*	54.5	37.7	*
Pneumonia/Influenza.....	27	7.4	17.7	*	14.8	23.4	*	14.8	28.1	*
Chronic Obstructive Pulmonary Disease.....	6	33.3	14.0	*	33.3	23.8	*	33.3	31.3	*
Transient Cerebral Ischemia.....	9	0.0	2.3	*	0.0	5.5	*	0.0	8.9	*
Stroke.....	3	0.0	16.1	*	0.0	20.7	*	0.0	24.7	*
Hip Fracture.....	7	0.0	8.0	*	14.3	14.4	*	28.6	18.7	*
Sepsis.....	6	16.7	49.2	*	33.3	57.4	*	33.3	65.1	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	1	0.0	2.6	*	0.0	6.1	*	0.0	9.9	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	7	0.0	7.5	*	14.3	14.1	*	28.6	18.3	*
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	2	0.0	0.4	*	0.0	1.0	*	0.0	1.6	*
Cholecystectomy.....	2	0.0	5.6	*	0.0	12.9	*	0.0	19.7	*
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	284	8.5	9.5	3.2	11.6	14.1	3.2	15.1	17.9	3.4
CONDITIONS:										
Acute Myocardial Infarction.....	8	25.0	29.3	*	25.0	32.4	*	25.0	35.7	*
Congestive Heart Failure.....	18	22.2	19.1	*	22.2	28.1	*	27.8	34.8	*
Pneumonia/Influenza.....	15	0.0	15.3	*	0.0	20.6	*	13.3	25.1	*
Chronic Obstructive Pulmonary Disease.....	3	0.0	6.1	*	0.0	14.2	*	33.3	22.2	*
Transient Cerebral Ischemia.....	6	0.0	2.7	*	0.0	6.4	*	16.7	10.5	*
Stroke.....	5	0.0	20.6	*	0.0	27.6	*	0.0	32.4	*
Hip Fracture.....	9	0.0	8.4	*	0.0	14.2	*	11.1	17.9	*
Sepsis.....	4	0.0	33.6	*	25.0	39.2	*	50.0	44.2	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	6	16.7	6.8	*	16.7	14.0	*	16.7	19.8	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	9	0.0	7.9	*	0.0	13.8	*	11.1	17.4	*
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	3	33.3	4.6	*	33.3	7.1	*	33.3	8.7	*
Hysterectomy.....	1	0.0	0.1	*	0.0	0.2	*	0.0	0.3	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

PLAINVILLE RURAL HOSPITAL

304 S Colorado St
Plainville, KS 67663

Medicare Provider Number: 170092

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	71	18.3	15.5	5.0	22.5	22.1	5.9	23.9	26.9	6.7
CONDITIONS:										
Acute Myocardial Infarction.....	3	33.3	34.3	*	33.3	37.6	*	33.3	40.7	*
Congestive Heart Failure.....	7	42.9	18.4	*	42.9	27.3	*	42.9	34.6	*
Pneumonia/Influenza.....	6	0.0	17.5	*	16.7	23.1	*	16.7	27.8	*
Chronic Obstructive Pulmonary Disease.....	1	0.0	27.9	*	0.0	37.7	*	100.0	45.1	*
Transient Cerebral Ischemia.....	2	0.0	2.3	*	0.0	5.0	*	0.0	8.2	*
Stroke.....	4	0.0	23.7	*	0.0	34.1	*	0.0	40.2	*
Hip Fracture.....	0									
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989		SPECIALTY SERVICES:	
Total Beds.....	27	Burn Unit.....	No
Occupancy Rate.....	15	Cardiac Intensive Care.....	No
Ownership/Control.....	District/Authority	Comprehensive Geriatric.....	No
STAFFING: (As of September 30, 1989)		Hospice Care.....	No
Total Number of Physicians.....	3	Medical/Surgical Intensive Care.....	No
Percent of Physicians Board Certified Specialists.....	100	Organ/Tissue Transplant.....	No
Medical Residents/Interns.....	0	Other Intensive Care.....	No
Registered Nurses.....	4	Rehabilitation Unit.....	No
Licensed Practical Nurses.....	4	Trauma Center.....	No

** Not used in calculating hospital mortality rates.

PLAINVILLE RURAL HOSPITAL

Medicare Provider Number: 170092

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	105	23.8	16.9	5.8	26.7	23.7	4.4	33.3	28.8	5.0
CONDITIONS:										
Acute Myocardial Infarction.....	7	42.9	32.2	*	42.9	35.1	*	57.1	38.5	*
Congestive Heart Failure.....	9	33.3	17.9	*	33.3	28.2	*	33.3	36.2	*
Pneumonia/Influenza.....	12	41.7	19.5	*	41.7	26.9	*	41.7	32.2	*
Chronic Obstructive Pulmonary Disease.....	1	0.0	6.0	*	0.0	11.2	*	100.0	16.1	*
Transient Cerebral Ischemia.....	1	0.0	1.4	*	0.0	3.1	*	0.0	4.9	*
Stroke.....	5	20.0	28.5	*	40.0	39.3	*	80.0	44.8	*
Hip Fracture.....	0									
Sepsis.....	1	0.0	35.7	*	0.0	43.6	*	0.0	52.2	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	1	0.0	0.2	*	0.0	0.6	*	100.0	1.0	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	133	14.3	14.4	3.2	21.8	20.3	4.1	21.8	24.9	4.8
CONDITIONS:										
Acute Myocardial Infarction.....	6	16.7	26.3	*	16.7	29.4	*	16.7	32.7	*
Congestive Heart Failure.....	11	27.3	18.7	*	45.5	29.4	*	45.5	37.5	*
Pneumonia/Influenza.....	14	21.4	24.9	*	28.6	33.8	*	28.6	40.1	*
Chronic Obstructive Pulmonary Disease.....	0									
Transient Cerebral Ischemia.....	3	0.0	3.7	*	0.0	8.5	*	0.0	13.0	*
Stroke.....	13	23.1	23.2	*	46.2	32.0	*	46.2	37.0	*
Hip Fracture.....	0									
Sepsis.....	1	100.0	27.1	*	100.0	31.5	*	100.0	37.0	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

PRATT REGIONAL MEDICAL CENTER

200 Commodore
Pratt, KS 67124

Medicare Provider Number: 170027

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	401	8.2	7.8	1.4	12.0	12.2	1.8	16.0	15.8	1.9
CONDITIONS:										
Acute Myocardial Infarction.....	7	57.1	27.2	*	71.4	30.9	*	71.4	35.2	*
Congestive Heart Failure.....	21	4.8	13.6	*	19.0	21.7	*	28.6	28.4	*
Pneumonia/Influenza.....	19	26.3	16.3	*	31.6	22.5	*	36.8	27.3	*
Chronic Obstructive Pulmonary Disease.....	7	14.3	11.6	*	14.3	19.0	*	14.3	24.8	*
Transient Cerebral Ischemia.....	6	0.0	1.4	*	16.7	2.8	*	16.7	4.3	*
Stroke.....	9	0.0	18.5	*	11.1	25.9	*	22.2	30.4	*
Hip Fracture.....	1	0.0	5.0	*	0.0	10.1	*	0.0	14.4	*
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	3	0.0	4.6	*	0.0	8.9	*	0.0	12.7	*
Carotid Endarterectomy.....	4	0.0	1.8	*	0.0	3.6	*	0.0	5.5	*
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	13	0.0	1.8	*	0.0	4.5	*	0.0	7.6	*
Cholecystectomy.....	17	5.9	2.3	*	5.9	3.9	*	11.8	4.9	*
Hysterectomy.....	2	0.0	0.9	*	0.0	2.1	*	0.0	3.0	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 84
Occupancy Rate..... 25
Ownership/Control..... Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 10
Percent of Physicians Board Certified Specialists..... 90
Medical Residents/Interns..... 0
Registered Nurses..... 39
Licensed Practical Nurses..... 8

SPECIALTY SERVICES:

Burn Unit..... No
Cardiac Intensive Care..... No
Comprehensive Geriatric..... No
Hospice Care..... No
Medical/Surgical Intensive Care..... Yes
Organ/Tissue Transplant..... No
Other Intensive Care..... No
Rehabilitation Unit..... No
Trauma Center..... No

** Not used in calculating hospital mortality rates.

PRATT REGIONAL MEDICAL CENTER

Medicare Provider Number: 170027

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	440	8.0	8.3	1.8	11.1	12.6	2.7	14.1	16.1	3.5
CONDITIONS:										
Acute Myocardial Infarction.....	7	57.1	23.4	*	57.1	26.7	*	57.1	30.3	*
Congestive Heart Failure.....	17	11.8	15.3	*	17.6	23.2	*	29.4	29.6	*
Pneumonia/Influenza.....	21	19.0	16.2	*	23.8	21.4	*	33.3	25.5	*
Chronic Obstructive Pulmonary Disease.....	9	11.1	8.6	*	11.1	15.0	*	22.2	21.0	*
Transient Cerebral Ischemia.....	6	0.0	2.6	*	0.0	6.2	*	0.0	10.1	*
Stroke.....	13	30.8	23.7	*	38.5	29.9	*	38.5	34.4	*
Hip Fracture.....	1	0.0	7.6	*	0.0	15.8	*	0.0	22.7	*
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	3	0.0	3.9	*	0.0	8.1	*	0.0	12.4	*
Carotid Endarterectomy.....	2	0.0	1.1	*	0.0	1.8	*	0.0	2.6	*
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	19	5.3	1.7	*	5.3	4.6	*	5.3	7.9	*
Cholecystectomy.....	14	0.0	1.6	*	0.0	2.9	*	0.0	3.9	*
Hysterectomy.....	4	0.0	0.7	*	0.0	1.2	*	0.0	1.6	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	531	8.1	8.4	1.4	11.7	13.1	2.2	14.9	16.8	2.9
CONDITIONS:										
Acute Myocardial Infarction.....	14	42.9	28.9	*	42.9	32.3	*	42.9	36.2	*
Congestive Heart Failure.....	17	35.3	14.5	*	41.2	22.0	*	47.1	28.4	*
Pneumonia/Influenza.....	29	10.3	21.5	*	20.7	29.1	*	24.1	34.6	*
Chronic Obstructive Pulmonary Disease.....	6	16.7	5.7	*	33.3	11.2	*	33.3	16.1	*
Transient Cerebral Ischemia.....	8	0.0	1.6	*	0.0	3.2	*	0.0	4.9	*
Stroke.....	9	22.2	21.6	*	22.2	28.9	*	22.2	34.0	*
Hip Fracture.....	4	0.0	5.5	*	0.0	11.1	*	0.0	15.3	*
Sepsis.....	1	0.0	33.8	*	0.0	39.8	*	0.0	47.2	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	5	0.0	3.0	*	40.0	6.6	*	40.0	10.6	*
Carotid Endarterectomy.....	1	0.0	1.7	*	0.0	3.3	*	0.0	4.9	*
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	33	0.0	0.9	*	0.0	2.2	*	0.0	3.7	*
Cholecystectomy.....	17	5.9	2.7	*	5.9	4.8	*	5.9	6.0	*
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

PROVIDENCE ST MARGARET HEALTH CENTER

8929 Parallel Parkway
Kansas City, KS 66112

Medicare Provider Number: 170146

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,873	8.2	8.4	0.8	13.3	12.9	0.8	16.9	16.6	1.0
CONDITIONS:										
Acute Myocardial Infarction.....	61	21.3	27.4	6.7	26.2	30.7	6.6	27.9	34.2	7.1
Congestive Heart Failure.....	99	12.1	14.6	4.2	22.2	22.6	4.2	24.2	29.1	7.0
Pneumonia/Influenza.....	93	22.6	16.6	8.6	28.0	22.7	9.0	33.3	27.5	9.2
Chronic Obstructive Pulmonary Disease.....	33	6.1	4.0	*	9.1	7.9	*	21.2	11.6	*
Transient Cerebral Ischemia.....	33	0.0	1.9	*	0.0	4.2	*	0.0	6.7	*
Stroke.....	49	18.4	17.8	*	20.4	24.4	*	28.6	28.7	*
Hip Fracture.....	36	5.6	6.1	*	16.7	11.0	*	19.4	14.4	*
Sepsis.....	33	24.2	26.4	*	30.3	33.6	*	36.4	39.6	*
PROCEDURES:										
Angioplasty.....	47	2.1	4.2	*	2.1	5.2	*	2.1	6.3	*
Coronary Artery Bypass Graft.....	21	33.3	7.2	*	33.3	10.3	*	38.1	11.9	*
Initial Pacemaker Insertion.....	20	5.0	3.1	*	20.0	6.5	*	20.0	9.7	*
Carotid Endarterectomy.....	9	0.0	1.2	*	0.0	2.2	*	0.0	3.3	*
Hip Replacement/Reconstruction.....	33	0.0	3.8	*	9.1	6.8	*	12.1	8.9	*
Open Reduction of Hip Fracture.....	16	12.5	5.6	*	25.0	10.5	*	25.0	13.8	*
Prostatectomy.....	60	3.3	1.8	2.9	3.3	3.2	3.2	3.3	4.8	4.1
Cholecystectomy.....	38	2.6	2.3	*	5.3	3.9	*	5.3	5.1	*
Hysterectomy.....	20	0.0	0.5	*	0.0	1.0	*	5.0	1.6	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 297
Occupancy Rate..... 57
Ownership/Control..... Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 194
Percent of Physicians Board Certified Specialists..... 64
Medical Residents/Interns..... 0
Registered Nurses..... 222
Licensed Practical Nurses..... 30

SPECIALTY SERVICES:

Burn Unit..... No
Cardiac Intensive Care..... Yes
Comprehensive Geriatric..... No
Hospice Care..... No
Medical/Surgical Intensive Care..... Yes
Organ/Tissue Transplant..... No
Other Intensive Care..... No
Rehabilitation Unit..... No
Trauma Center..... No

** Not used in calculating hospital mortality rates.

PROVIDENCE ST MARGARET HEALTH CENTER

Medicare Provider Number: 170146

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	2,064	9.2	9.0	0.6	15.3	13.9	1.5	18.2	17.7	1.0
CONDITIONS:										
Acute Myocardial Infarction.....	51	23.5	29.2	11.7	29.4	32.6	12.7	29.4	36.4	12.3
Congestive Heart Failure.....	103	17.5	15.0	5.1	27.2	22.7	7.7	34.0	29.3	6.8
Pneumonia/Influenza.....	105	17.1	18.6	4.0	25.7	25.4	4.5	28.6	30.5	5.1
Chronic Obstructive Pulmonary Disease.....	28	0.0	8.5	*	14.3	14.7	*	25.0	19.6	*
Transient Cerebral Ischemia.....	25	0.0	2.2	*	4.0	4.7	*	8.0	7.4	*
Stroke.....	66	27.3	22.2	8.5	36.4	29.9	12.6	36.4	34.8	12.7
Hip Fracture.....	48	2.1	8.4	*	10.4	15.2	*	20.8	19.5	*
Sepsis.....	18	33.3	30.9	*	38.9	38.0	*	38.9	44.1	*
PROCEDURES:										
Angioplasty.....	41	9.8	4.8	*	9.8	5.8	*	9.8	6.9	*
Coronary Artery Bypass Graft.....	19	21.1	6.9	*	21.1	9.9	*	21.1	11.4	*
Initial Pacemaker Insertion.....	22	4.5	2.4	*	4.5	4.7	*	4.5	7.0	*
Carotid Endarterectomy.....	17	5.9	1.4	*	5.9	2.6	*	5.9	3.8	*
Hip Replacement/Reconstruction.....	35	2.9	4.0	*	11.4	7.5	*	14.3	9.8	*
Open Reduction of Hip Fracture.....	19	0.0	7.8	*	0.0	15.0	*	10.5	19.7	*
Prostatectomy.....	52	0.0	1.7	3.1	3.8	4.1	4.3	9.6	6.6	5.6
Cholecystectomy.....	40	0.0	2.6	*	5.0	5.0	*	10.0	6.9	*
Hysterectomy.....	22	4.5	1.1	*	9.1	2.5	*	9.1	3.8	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	2,110	7.9	8.6	0.8	12.6	13.1	0.8	16.4	16.7	0.8
CONDITIONS:										
Acute Myocardial Infarction.....	50	30.0	31.4	*	34.0	34.7	*	36.0	38.5	*
Congestive Heart Failure.....	110	12.7	16.1	5.3	21.8	24.3	5.5	28.2	31.2	6.5
Pneumonia/Influenza.....	79	17.7	21.3	5.6	30.4	28.5	6.1	35.4	33.9	6.5
Chronic Obstructive Pulmonary Disease.....	26	3.8	4.6	*	3.8	9.0	*	19.2	13.0	*
Transient Cerebral Ischemia.....	45	4.4	2.1	*	6.7	4.6	*	6.7	7.3	*
Stroke.....	86	16.3	20.9	8.7	22.1	28.4	8.9	26.7	33.0	9.4
Hip Fracture.....	50	4.0	6.8	*	14.0	12.1	*	20.0	15.6	*
Sepsis.....	19	26.3	27.6	*	36.8	37.2	*	52.6	43.8	*
PROCEDURES:										
Angioplasty.....	32	12.5	4.4	*	12.5	5.3	*	15.6	6.4	*
Coronary Artery Bypass Graft.....	16	18.8	8.9	*	18.8	10.6	*	18.8	11.7	*
Initial Pacemaker Insertion.....	17	0.0	5.3	*	0.0	8.6	*	0.0	11.5	*
Carotid Endarterectomy.....	9	0.0	1.3	*	0.0	2.5	*	0.0	3.7	*
Hip Replacement/Reconstruction.....	40	0.0	2.9	*	5.0	5.7	*	7.5	7.7	*
Open Reduction of Hip Fracture.....	24	8.3	5.6	*	16.7	10.8	*	20.8	14.5	*
Prostatectomy.....	72	0.0	1.2	1.6	1.4	3.1	2.4	4.2	5.1	3.1
Cholecystectomy.....	66	1.5	3.0	2.6	4.5	5.1	3.7	4.5	6.5	4.2
Hysterectomy.....	23	0.0	2.9	*	8.7	4.2	*	8.7	5.5	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.



Providence-St. Margaret Health Center

8929 Parallel Parkway

• Kansas City, Kansas 66112

•

(913) 596-4000

January 14, 1991

Gail R. Wilensky, Ph.D
Administrator
Health Care Financing Administration
2-D-Z Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21202

RE: Mortality Data Comments
Providence-St. Margaret Health Center
Medicare Provider # 170146

Dear Dr. Wilensky:

To attempt understanding of differences between observed and predicted mortality rates in our facility we have utilized HCFA's methodology as a framework for detailed review and analysis of patient outcomes. Our analysis utilizes individual patient records and therefore encompasses diagnoses pertinent to underlying patient condition even though the MEDPAR file utilized by HCFA as its data source contains only the first five (5) diagnoses. We recognize and accept HCFA's caution that the precision and interpretability of its estimates are questionable when there are 50 or fewer cases in a particular category being analyzed. Even though the 50 or fewer case caution applies to much of our data, we offer the following analysis and comment.

In certain instances where the observed mortality rate exceeds the predicted rate our analysis reveals marked differences in severity of illness between those patients surviving beyond 180 days and those who did not. Within the coronary artery bypass graft group, the underlying characteristics of the death cases were notably more severe than the remainder of the cases as evidenced by a significantly larger number of secondary diagnoses of significant severity. For instance, some of the diagnoses not included in the MEDPAR data were, upper GI bleeding, kidney failure and abdominal aneurysm, all of which if available to your analysis would almost certainly have affected the predicted mortality rate. The average number of secondary diagnosis for death cases was 9.75 versus 4.46 for surviving cases, or 218% greater.

In addition to the incomplete diagnostic information available in the MEDPAR file, we find that 3 of the eight death cases had severe cardiac valve disease and while these cases are reported without qualification as deaths following coronary bypass graft surgery (CABG), the primary problems and primary procedures in these 3 cases were severe valve disease and valve replacement. The CABG procedures were secondary and incidental in these cases.

Gail R. Wilensky, Ph.D
January 14, 1991
Page 2

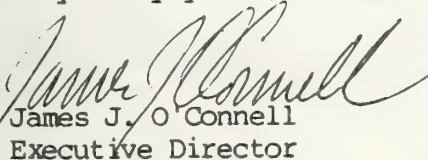
In the instance of prostatectomy (even though our experience falls within the predetermined range calculated utilizing two standard deviations) the observed mortality rate exceeded the predetermined rate. Of the two deaths, one was attributable to a terminally ill patient with widespread metastatic disease whose 9 secondary diagnoses were 4 more than those contained in the MEDPAR file. Based upon our analysis we too caution readers of the mortality data to challenge the mortality rate predictions in instances of populations of 50 or fewer cases. We also encourage HCFA to assess the impact of limited diagnostic data upon its predictions.

Another observation from our study concerns probable public conclusion that death resulted from the procedure or condition set forth in HCFA's data. Though our access to information about the immediate cause of death is limited, in the instances where we have such information, we find a large number where the cause of death is clearly unrelated to the condition or procedure in the HCFA analysis. We encourage HCFA to caution users of the data against making such conclusions.

Although our observed rates for all cases, conditions and procedures for 50 or more cases fall within 2 standard deviations of the predetermined rate, we encourage HCFA to communicate its mortality data using such ranges and thereby avoid calculations on the readers behalf. We believe that use of ranges is most appropriate to display statistical data from which inferences are to be drawn.

We will continue to utilize HCFA's mortality data to supplement our longstanding commitment to quality care and remain committed to the high standards espoused by our own tradition and history, by the Joint Commission on Accreditation of Health Care Organizations and by HCFA.

Very truly yours,



James J. O'Connell
Executive Director

JOC:pjn

RANSOM MEMORIAL HOSPITAL

13th & S Main
Ottawa, KS 66067

Medicare Provider Number: 170014

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	420	6.9	11.1	2.1	11.4	16.3	2.4	14.5	20.3	2.8
CONDITIONS:										
Acute Myocardial Infarction.....	22	27.3	24.5	*	31.8	29.0	*	31.8	32.8	*
Congestive Heart Failure.....	27	14.8	18.1	*	29.6	27.9	*	33.3	35.6	*
Pneumonia/Influenza.....	44	15.9	16.9	*	18.2	22.7	*	20.5	27.4	*
Chronic Obstructive Pulmonary Disease.....	14	0.0	4.5	*	7.1	8.8	*	14.3	13.0	*
Transient Cerebral Ischemia.....	11	0.0	2.8	*	9.1	6.3	*	9.1	10.2	*
Stroke.....	19	10.5	22.1	*	15.8	30.4	*	21.1	35.7	*
Hip Fracture.....	11	0.0	6.8	*	9.1	11.6	*	9.1	14.8	*
Sepsis.....	3	33.3	27.6	*	66.7	40.0	*	66.7	47.1	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	2	0.0	4.6	*	0.0	8.4	*	0.0	11.1	*
Open Reduction of Hip Fracture.....	6	0.0	6.4	*	16.7	11.2	*	16.7	14.1	*
Prostatectomy.....	20	0.0	0.7	*	0.0	1.7	*	0.0	2.9	*
Cholecystectomy.....	8	0.0	4.4	*	0.0	8.6	*	12.5	11.8	*
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 65
Occupancy Rate..... 31
Ownership/Control..... Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 9
Percent of Physicians Board Certified Specialists..... (Not Available)
Medical Residents/Interns..... 0
Registered Nurses..... 32
Licensed Practical Nurses..... 16

SPECIALTY SERVICES:

Burn Unit..... No
Cardiac Intensive Care..... No
Comprehensive Geriatric..... No
Hospice Care..... No
Medical/Surgical Intensive Care..... Yes
Organ/Tissue Transplant..... No
Other Intensive Care..... No
Rehabilitation Unit..... No
Trauma Center..... No

** Not used in calculating hospital mortality rates.

RANSOM MEMORIAL HOSPITAL

Medicare Provider Number: 170014

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	495	11.3	11.2	1.6	16.8	16.5	1.9	20.4	20.7	1.8
CONDITIONS:										
Acute Myocardial Infarction.....	19	36.8	35.8	*	47.4	39.6	*	47.4	43.3	*
Congestive Heart Failure.....	27	11.1	16.8	*	14.8	25.5	*	18.5	32.4	*
Pneumonia/Influenza.....	57	19.3	17.6	6.9	28.1	23.8	9.5	31.6	28.3	8.8
Chronic Obstructive Pulmonary Disease.....	9	0.0	7.2	*	11.1	13.7	*	11.1	19.5	*
Transient Cerebral Ischemia.....	6	0.0	1.5	*	0.0	3.3	*	0.0	5.3	*
Stroke.....	24	29.2	23.2	*	29.2	30.1	*	33.3	35.2	*
Hip Fracture.....	10	20.0	4.6	*	30.0	8.4	*	40.0	11.1	*
Sepsis.....	1	0.0	37.8	*	0.0	46.0	*	0.0	54.9	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	1	0.0	2.9	*	0.0	5.5	*	0.0	7.4	*
Open Reduction of Hip Fracture.....	7	14.3	4.2	*	14.3	8.1	*	28.6	10.8	*
Prostatectomy.....	22	4.5	0.9	*	4.5	2.2	*	4.5	3.6	*
Cholecystectomy.....	7	0.0	3.1	*	0.0	6.0	*	0.0	7.9	*
Hysterectomy.....	3	0.0	0.4	*	0.0	0.8	*	0.0	1.1	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	469	13.2	10.2	2.2	17.5	15.0	2.2	21.5	19.0	2.5
CONDITIONS:										
Acute Myocardial Infarction.....	20	35.0	28.8	*	35.0	32.0	*	50.0	35.5	*
Congestive Heart Failure.....	24	37.5	17.3	*	41.7	26.4	*	45.8	33.8	*
Pneumonia/Influenza.....	39	17.9	17.7	*	23.1	23.7	*	25.6	28.7	*
Chronic Obstructive Pulmonary Disease.....	8	0.0	12.1	*	0.0	20.3	*	0.0	26.5	*
Transient Cerebral Ischemia.....	7	0.0	1.7	*	0.0	3.7	*	0.0	5.9	*
Stroke.....	20	30.0	23.5	*	55.0	30.5	*	65.0	35.9	*
Hip Fracture.....	19	5.3	7.0	*	5.3	12.2	*	5.3	15.5	*
Sepsis.....	3	33.3	53.3	*	33.3	64.2	*	66.7	72.7	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	5	0.0	7.5	*	0.0	12.6	*	0.0	15.9	*
Open Reduction of Hip Fracture.....	10	0.0	6.7	*	0.0	12.6	*	0.0	16.4	*
Prostatectomy.....	21	0.0	2.0	*	0.0	4.0	*	0.0	6.3	*
Cholecystectomy.....	16	18.8	4.6	*	18.8	7.7	*	18.8	9.7	*
Hysterectomy.....	2	0.0	0.4	*	0.0	0.7	*	0.0	0.9	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

RAWLINS COUNTY HOSPITAL

707 Grant St
Atwood, KS 67730

Medicare Provider Number: 170069

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	145	7.6	7.7	2.9	15.2	11.5	3.8	17.9	14.8	4.3
CONDITIONS:										
Acute Myocardial Infarction.....	3	33.3	30.9	*	33.3	34.7	*	33.3	39.7	*
Congestive Heart Failure.....	9	22.2	13.8	*	33.3	21.5	*	55.6	28.3	*
Pneumonia/Influenza.....	8	12.5	20.7	*	25.0	28.5	*	37.5	34.2	*
Chronic Obstructive Pulmonary Disease.....	0									
Transient Cerebral Ischemia.....	3	0.0	2.4	*	0.0	5.4	*	0.0	8.8	*
Stroke.....	2	0.0	21.3	*	50.0	27.6	*	50.0	32.2	*
Hip Fracture.....	1	0.0	3.1	*	0.0	6.5	*	0.0	9.7	*
Sepsis.....	2	0.0	15.6	*	50.0	22.9	*	50.0	27.9	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	1	0.0	2.0	*	0.0	3.5	*	0.0	4.5	*
Hysterectomy.....	1	0.0	0.4	*	0.0	0.6	*	0.0	0.7	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: Health Care Financing Administration (OSCAR) - 1990

Total Beds..... 24
Ownership/Control..... Private, Non-Profit

STAFFING:

Medical Residents/Interns..... 0
Registered Nurses..... 4
Licensed Practical Nurses..... 4

SPECIALTY SERVICES:

Burn Unit..... No
Coronary Care Unit..... No
Hospice..... No
Intensive Care Unit..... No
Organ Transplant..... No
Rehabilitation..... No
Shock Trauma..... No

** Not used in calculating hospital mortality rates.

RAWLINS COUNTY HOSPITAL

Medicare Provider Number: 170069

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	160	11.2	8.2	2.9	17.5	12.4	4.1	21.2	15.7	4.9
CONDITIONS:										
Acute Myocardial Infarction.....	6	33.3	29.3	*	33.3	32.7	■	33.3	36.8	*
Congestive Heart Failure.....	8	12.5	22.8	■	25.0	35.0	*	50.0	44.0	*
Pneumonia/Influenza.....	9	11.1	17.2	*	11.1	23.5	■	33.3	28.3	■
Chronic Obstructive Pulmonary Disease.....	2	0.0	6.3	■	50.0	13.5	*	50.0	19.9	*
Transient Cerebral Ischemia.....	2	0.0	1.7	■	0.0	3.6	*	0.0	5.2	■
Stroke.....	1	0.0	20.5	*	100.0	30.4	■	100.0	37.4	*
Hip Fracture.....	0									
Sepsis.....	2	50.0	31.0	*	50.0	35.8	*	50.0	41.8	■
PROCEDURE:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	4	0.0	0.3	■	0.0	0.7	■	0.0	1.3	■
Cholecystectomy.....	0									
Hysterectomy.....	2	0.0	0.3	■	0.0	0.6	*	0.0	0.8	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	185	13.5	8.6	2.8	16.8	13.3	2.9	21.1	17.1	3.1
CONDITIONS:										
Acute Myocardial Infarction.....	5	60.0	35.0	*	80.0	40.1	■	80.0	45.3	■
Congestive Heart Failure.....	3	0.0	16.1	■	33.3	24.9	■	66.7	31.8	■
Pneumonia/Influenza.....	10	30.0	20.5	*	30.0	28.9	*	30.0	34.5	*
Chronic Obstructive Pulmonary Disease.....	0									
Transient Cerebral Ischemia.....	0									
Stroke.....	2	0.0	39.9	■	0.0	45.7	■	0.0	50.3	*
Hip Fracture.....	0									
Sepsis.....	2	50.0	32.7	*	50.0	40.8	*	50.0	47.3	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	3	0.0	0.8	*	0.0	1.9	*	0.0	4.0	*
Cholecystectomy.....	9	11.1	1.8	■	11.1	3.2	*	11.1	4.0	*
Hysterectomy.....	2	0.0	0.2	*	0.0	0.3	■	0.0	0.5	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

REPUBLIC COUNTY HOSPITAL

24th & G Street
Belleville, KS 66935

Medicare Provider Number: 170024

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	361	11.1	8.6	1.8	15.8	12.9	2.6	17.7	16.4	2.1
CONDITIONS:										
Acute Myocardial Infarction.....	11	27.3	34.2	*	45.5	37.6	*	45.5	41.2	*
Congestive Heart Failure.....	22	22.7	13.7	*	22.7	21.1	*	22.7	27.1	*
Pneumonia/Influenza.....	33	18.2	14.6	*	24.2	20.6	*	27.3	24.5	*
Chronic Obstructive Pulmonary Disease.....	4	0.0	4.2	*	0.0	8.1	*	0.0	11.7	*
Transient Cerebral Ischemia.....	0									
Stroke.....	19	21.1	26.2	*	36.8	33.9	*	36.8	38.8	*
Hip Fracture.....	9	0.0	3.5	*	11.1	7.0	*	11.1	9.8	*
Sepsis.....	1	0.0	27.2	*	0.0	35.2	*	0.0	42.2	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	3	0.0	6.2	*	33.3	12.0	*	33.3	16.0	*
Carotid Endarterectomy.....	3	0.0	1.4	*	0.0	2.8	*	0.0	4.0	*
Hip Replacement/Reconstruction.....	8	0.0	2.4	*	0.0	5.1	*	0.0	7.3	*
Open Reduction of Hip Fracture.....	1	0.0	4.7	*	100.0	8.7	*	100.0	11.4	*
Prostatectomy.....	23	0.0	0.4	*	4.3	1.1	*	4.3	1.8	*
Cholecystectomy.....	2	0.0	2.0	*	0.0	2.8	*	0.0	3.3	*
Hysterectomy.....	3	0.0	1.8	*	0.0	3.9	*	0.0	5.9	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 86
Occupancy Rate..... 61
Ownership/Control..... Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 7
Percent of Physicians Board Certified Specialists..... 86
Medical Residents/Interns..... 0
Registered Nurses..... 16
Licensed Practical Nurses..... 6

SPECIALTY SERVICES:

Burn Unit..... No
Cardiac Intensive Care..... No
Comprehensive Geriatric..... Yes
Hospice Care..... No
Medical/Surgical Intensive Care..... No
Organ/Tissue Transplant..... No
Other Intensive Care..... No
Rehabilitation Unit..... No
Trauma Center..... No

** Not used in calculating hospital mortality rates.

REPUBLIC COUNTY HOSPITAL

Medicare Provider Number: 170024

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	414	10.1	8.9	1.6	12.8	12.8	1.7	15.0	16.1	1.9
CONDITIONS:										
Acute Myocardial Infarction.....	15	13.3	31.3	*	13.3	34.3	*	13.3	37.4	*
Congestive Heart Failure.....	23	17.4	15.3	*	21.7	22.8	*	30.4	29.6	*
Pneumonia/Influenza.....	50	18.0	16.7	*	20.0	22.7	*	22.0	27.3	*
Chronic Obstructive Pulmonary Disease.....	4	0.0	4.4	*	0.0	8.6	*	0.0	12.5	*
Transient Cerebral Ischemia.....	0									
Stroke.....	30	33.3	26.0	*	40.0	33.6	*	46.7	38.6	*
Hip Fracture.....	9	11.1	4.1	*	11.1	8.0	*	22.2	10.6	*
Sepsis.....	3	33.3	21.5	*	33.3	31.4	*	33.3	37.9	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	3	0.0	4.9	*	0.0	9.3	*	0.0	13.5	*
Carotid Endarterectomy.....	2	0.0	1.3	*	0.0	2.6	*	0.0	3.8	*
Hip Replacement/Reconstruction.....	7	14.3	3.4	*	14.3	6.8	*	28.6	9.2	*
Open Reduction of Hip Fracture.....	3	0.0	3.6	*	0.0	7.1	*	0.0	9.6	*
Prostatectomy.....	24	4.2	0.6	*	4.2	1.5	*	4.2	2.5	*
Cholecystectomy.....	2	0.0	1.5	*	0.0	3.0	*	0.0	4.0	*
Hysterectomy.....	5	0.0	0.1	*	0.0	0.2	*	0.0	0.4	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	372	13.2	7.2	2.0	17.5	11.0	2.7	20.2	14.0	2.4
CONDITIONS:										
Acute Myocardial Infarction.....	11	9.1	27.1	*	18.2	30.4	*	18.2	34.6	*
Congestive Heart Failure.....	22	9.1	16.0	*	13.6	25.1	*	18.2	32.0	*
Pneumonia/Influenza.....	30	26.7	14.5	*	40.0	20.3	*	46.7	24.7	*
Chronic Obstructive Pulmonary Disease.....	1	0.0	2.6	*	0.0	4.9	*	0.0	7.1	*
Transient Cerebral Ischemia.....	3	0.0	1.3	*	0.0	2.8	*	0.0	4.6	*
Stroke.....	18	38.9	21.7	*	61.1	30.4	*	61.1	35.7	*
Hip Fracture.....	4	0.0	2.7	*	0.0	5.5	*	0.0	7.6	*
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	4	0.0	2.3	*	0.0	4.9	*	0.0	7.0	*
Prostatectomy.....	23	0.0	0.5	*	0.0	1.2	*	0.0	2.1	*
Cholecystectomy.....	3	0.0	1.1	*	0.0	1.9	*	0.0	2.4	*
Hysterectomy.....	3	0.0	0.1	*	0.0	0.2	*	0.0	0.3	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

RIVERSIDE HOSPITAL

2622 W Central St

Wichita, KS 67203

Medicare Provider Number: 170147

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	556	8.6	9.3	1.4	13.3	14.1	1.6	17.4	17.8	1.7
CONDITIONS:										
Acute Myocardial Infarction.....	12	41.7	26.6	*	41.7	29.9	*	50.0	33.4	*
Congestive Heart Failure.....	31	9.7	13.0	*	16.1	20.3	*	25.8	26.5	*
Pneumonia/Influenza.....	25	12.0	15.0	*	24.0	20.4	*	28.0	24.7	*
Chronic Obstructive Pulmonary Disease.....	16	0.0	4.6	*	6.3	8.5	*	6.3	12.0	*
Transient Cerebral Ischemia.....	6	0.0	1.8	*	0.0	3.9	*	0.0	6.1	*
Stroke.....	17	11.8	16.1	*	17.6	22.1	*	17.6	26.2	*
Hip Fracture.....	21	4.8	6.3	*	9.5	11.5	*	14.3	15.1	*
Sepsis.....	8	50.0	29.7	*	50.0	37.4	*	50.0	43.9	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	8	0.0	4.0	*	12.5	8.7	*	37.5	13.1	*
Carotid Endarterectomy.....	7	0.0	1.6	*	0.0	3.1	*	0.0	4.7	*
Hip Replacement/Reconstruction.....	15	0.0	4.8	*	0.0	8.7	*	6.7	11.4	*
Open Reduction of Hip Fracture.....	9	11.1	5.7	*	22.2	11.3	*	22.2	15.3	*
Prostatectomy.....	11	0.0	0.7	*	0.0	1.9	*	0.0	3.4	*
Cholecystectomy.....	6	0.0	2.3	*	0.0	5.3	*	16.7	8.3	*
Hysterectomy.....	2	0.0	0.6	*	0.0	1.3	*	0.0	2.0	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 119
 Occupancy Rate..... 54
 Ownership/Control..... Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 43
 Percent of Physicians Board Certified Specialists..... 58
 Medical Residents/Interns..... 8
 Registered Nurses..... 73
 Licensed Practical Nurses..... 25

SPECIALTY SERVICES:

Burn Unit..... No
 Cardiac Intensive Care..... No
 Comprehensive Geriatric..... No
 Hospice Care..... No
 Medical/Surgical Intensive Care..... Yes
 Organ/Tissue Transplant..... No
 Other Intensive Care..... No
 Rehabilitation Unit..... No
 Trauma Center..... No

** Not used in calculating hospital mortality rates.

RIVERSIDE HOSPITAL
Medicare Provider Number: 170147

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FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	527	8.7	9.4	1.4	12.9	14.2	2.0	16.5	17.8	2.1
CONDITIONS:										
Acute Myocardial Infarction.....	20	45.0	29.7	*	45.0	33.6	*	50.0	37.0	*
Congestive Heart Failure.....	29	3.4	13.8	*	10.3	21.1	*	17.2	27.4	*
Pneumonia/Influenza.....	39	10.3	12.8	*	15.4	17.5	*	15.4	21.2	*
Chronic Obstructive Pulmonary Disease.....	17	0.0	3.8	*	0.0	7.8	*	0.0	11.5	*
Transient Cerebral Ischemia.....	10	10.0	2.5	*	20.0	5.8	*	20.0	9.3	*
Stroke.....	21	14.3	21.9	*	23.8	29.1	*	33.3	33.8	*
Hip Fracture.....	18	0.0	6.4	*	0.0	11.5	*	0.0	15.0	*
Sepsis.....	5	40.0	20.0	*	40.0	30.6	*	60.0	38.5	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	1	0.0	1.4	*	0.0	3.6	*	0.0	6.4	*
Carotid Endarterectomy.....	5	0.0	1.7	*	0.0	3.8	*	0.0	6.1	*
Hip Replacement/Reconstruction.....	8	0.0	3.8	*	0.0	7.1	*	0.0	9.2	*
Open Reduction of Hip Fracture.....	8	0.0	6.0	*	0.0	11.8	*	0.0	16.0	*
Prostatectomy.....	9	0.0	0.6	*	0.0	1.4	*	0.0	2.2	*
Cholecystectomy.....	8	0.0	3.2	*	0.0	6.5	*	0.0	8.6	*
Hysterectomy.....	5	0.0	0.4	*	0.0	0.9	*	0.0	1.4	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	486	15.0	10.4	1.9	19.5	15.3	2.1	21.2	19.1	1.9
CONDITIONS:										
Acute Myocardial Infarction.....	19	42.1	26.8	*	47.4	30.1	*	47.4	33.5	*
Congestive Heart Failure.....	26	30.8	14.9	*	42.3	22.8	*	46.2	29.6	*
Pneumonia/Influenza.....	29	10.3	12.8	*	17.2	17.1	*	17.2	20.8	*
Chronic Obstructive Pulmonary Disease.....	9	11.1	6.7	*	11.1	11.4	*	11.1	15.5	*
Transient Cerebral Ischemia.....	9	0.0	1.9	*	0.0	4.1	*	0.0	6.6	*
Stroke.....	20	30.0	21.6	*	40.0	28.9	*	40.0	33.6	*
Hip Fracture.....	20	10.0	5.5	*	20.0	10.0	*	25.0	13.0	*
Sepsis.....	4	25.0	17.7	*	50.0	26.9	*	50.0	33.7	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	3	0.0	1.7	*	0.0	3.8	*	0.0	6.1	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	11	18.2	3.8	*	27.3	7.1	*	27.3	9.6	*
Open Reduction of Hip Fracture.....	9	0.0	5.6	*	11.1	10.9	*	22.2	14.5	*
Prostatectomy.....	6	0.0	1.2	*	0.0	2.8	*	0.0	4.5	*
Cholecystectomy.....	2	0.0	6.4	*	50.0	11.3	*	50.0	13.9	*
Hysterectomy.....	3	0.0	2.1	*	0.0	4.5	*	0.0	7.0	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

RUSH COUNTY MEMORIAL HOSPITAL

8th & Locust Sts
La Crosse, KS 67548

Medicare Provider Number: 170119

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	156	10.3	12.1	3.3	16.0	17.7	3.4	21.2	21.7	3.4
CONDITIONS:										
Acute Myocardial Infarction.....	2	50.0	36.7	*	50.0	40.2	*	50.0	43.7	*
Congestive Heart Failure.....	6	16.7	15.0	*	33.3	22.2	*	33.3	28.8	*
Pneumonia/Influenza.....	32	15.6	20.3	*	21.9	27.1	*	34.4	32.0	*
Chronic Obstructive Pulmonary Disease.....	2	0.0	3.8	*	0.0	7.4	*	0.0	10.6	*
Transient Cerebral Ischemia.....	2	0.0	1.6	*	0.0	3.8	*	0.0	6.3	*
Stroke.....	5	40.0	31.4	*	60.0	39.2	*	60.0	44.5	*
Hip Fracture.....	0									
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	2	0.0	2.9	*	0.0	6.9	*	0.0	10.5	*
Hysterectomy.....	2	0.0	0.1	*	0.0	0.1	*	0.0	0.2	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: Health Care Financing Administration (OSCAR) - 1990

Total Beds..... 24
Ownership/Control..... Local Government

STAFFING:

Medical Residents/Interns..... 0
Registered Nurses..... 8
Licensed Practical Nurses..... 0

SPECIALTY SERVICES:

Burn Unit..... No
Coronary Care Unit..... No
Hospice..... No
Intensive Care Unit..... No
Organ Transplant..... No
Rehabilitation..... No
Shock Trauma..... No

** Not used in calculating hospital mortality rates.

RUSH COUNTY MEMORIAL HOSPITAL

Medicare Provider Number: 170119

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FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	135	11.1	11.4	3.5	13.3	16.7	4.5	18.5	21.0	4.9
CONDITIONS:										
Acute Myocardial Infarction.....	1	100.0	73.0	*	100.0	77.1	*	100.0	81.7	*
Congestive Heart Failure.....	4	0.0	26.9	*	0.0	41.7	*	25.0	52.3	*
Pneumonia/Influenza.....	28	25.0	20.6	*	25.0	27.4	*	28.6	32.4	*
Chronic Obstructive Pulmonary Disease.....	1	0.0	2.5	*	0.0	5.0	*	0.0	7.1	*
Transient Cerebral Ischemia.....	5	0.0	1.4	*	0.0	2.9	*	0.0	4.5	*
Stroke.....	4	0.0	20.9	*	0.0	28.0	*	25.0	32.8	*
Hip Fracture.....	0									
Sepsis.....	0									
PROCEDURE:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	3	0.0	0.2	*	0.0	0.3	*	0.0	0.5	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	157	8.3	8.9	2.8	10.2	13.4	3.6	14.0	17.3	3.9
CONDITIONS:										
Acute Myocardial Infarction.....	1	100.0	7.3	*	100.0	11.4	*	100.0	14.7	*
Congestive Heart Failure.....	8	12.5	15.6	*	12.5	23.5	*	25.0	30.4	*
Pneumonia/Influenza.....	24	8.3	20.6	*	16.7	28.4	*	20.8	34.3	*
Chronic Obstructive Pulmonary Disease.....	0									
Transient Cerebral Ischemia.....	10	0.0	1.8	*	0.0	3.8	*	10.0	5.9	*
Stroke.....	6	33.3	20.3	*	33.3	27.6	*	50.0	32.6	*
Hip Fracture.....	0									
Sepsis.....	2	0.0	26.1	*	0.0	31.9	*	0.0	37.7	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	1	0.0	2.9	*	0.0	4.4	*	0.0	5.3	*
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

RUSSELL REGIONAL HOSPITAL

200 S Main
Russell, KS 67665

Medicare Provider Number: 170030

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	295	9.8	10.4	3.5	12.9	15.7	3.2	16.9	19.9	3.6
CONDITIONS:										
Acute Myocardial Infarction.....	11	36.4	28.3	*	54.5	31.8	*	54.5	35.9	*
Congestive Heart Failure.....	22	9.1	14.5	*	18.2	22.6	*	27.3	29.5	*
Pneumonia/Influenza.....	32	25.0	17.4	*	25.0	23.5	*	28.1	28.1	*
Chronic Obstructive Pulmonary Disease.....	5	20.0	9.9	*	20.0	17.2	*	40.0	22.7	*
Transient Cerebral Ischemia.....	12	0.0	1.5	*	0.0	3.4	*	8.3	5.4	*
Stroke.....	13	7.7	19.6	*	15.4	26.1	*	15.4	30.6	*
Hip Fracture.....	1	0.0	5.4	*	0.0	11.5	*	0.0	16.7	*
Sepsis.....	1	0.0	24.9	*	100.0	36.7	*	100.0	46.5	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	6	0.0	1.2	*	0.0	2.9	*	0.0	5.1	*
Cholecystectomy.....	3	0.0	1.1	*	0.0	1.7	*	0.0	2.3	*
Hysterectomy.....	1	0.0	0.5	*	0.0	0.8	*	0.0	1.2	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 37
Occupancy Rate..... 32
Ownership/Control..... Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 4
Percent of Physicians Board Certified Specialists..... 100
Medical Residents/Interns..... 0
Registered Nurses..... 22
Licensed Practical Nurses..... 4

SPECIALTY SERVICES:

Burn Unit..... No
Cardiac Intensive Care..... No
Comprehensive Geriatric..... No
Hospice Care..... No
Medical/Surgical Intensive Care..... Yes
Organ/Tissue Transplant..... No
Other Intensive Care..... No
Rehabilitation Unit..... No
Trauma Center..... No

** Not used in calculating hospital mortality rates.

RUSSELL REGIONAL HOSPITAL

Medicare Provider Number: 170030

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	305	8.2	10.1	2.1	13.1	15.2	2.6	17.0	19.2	3.4
CONDITIONS:										
Acute Myocardial Infarction.....	12	41.7	37.5	*	50.0	43.9	*	50.0	48.1	*
Congestive Heart Failure.....	25	16.0	18.6	#	20.0	28.2	*	24.0	35.9	*
Pneumonia/Influenza.....	17	0.0	15.5	*	23.5	20.8	*	23.5	25.1	*
Chronic Obstructive Pulmonary Disease.....	3	0.0	9.2	#	33.3	15.3	*	33.3	20.8	*
Transient Cerebral Ischemia.....	12	0.0	2.8	*	0.0	6.5	*	8.3	10.5	*
Stroke.....	7	14.3	26.5	#	14.3	34.0	*	14.3	39.0	*
Hip Fracture.....	0									
Sepsis.....	1	0.0	23.8	*	0.0	27.9	*	0.0	33.3	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	5	0.0	0.7	*	0.0	1.7	*	0.0	2.7	*
Cholecystectomy.....	7	0.0	3.1	*	0.0	6.3	*	0.0	9.1	*
Hysterectomy.....	2	0.0	1.2	*	0.0	2.7	*	0.0	4.1	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	255	12.2	9.1	2.8	17.3	14.0	3.4	18.4	18.0	2.8
CONDITIONS:										
Acute Myocardial Infarction.....	10	40.0	31.2	*	40.0	35.8	*	40.0	39.8	*
Congestive Heart Failure.....	18	27.8	19.8	*	33.3	29.8	*	38.9	37.4	*
Pneumonia/Influenza.....	14	0.0	16.2	*	0.0	21.6	*	7.1	26.2	*
Chronic Obstructive Pulmonary Disease.....	3	33.3	17.8	*	33.3	34.7	*	33.3	45.2	*
Transient Cerebral Ischemia.....	11	9.1	2.8	*	18.2	6.4	*	18.2	10.4	*
Stroke.....	5	60.0	19.7	*	60.0	28.4	*	60.0	34.0	*
Hip Fracture.....	0									
Sepsis.....	1	100.0	24.9	*	100.0	29.6	*	100.0	35.2	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	7	0.0	0.8	*	0.0	2.2	*	0.0	3.8	*
Cholecystectomy.....	4	0.0	1.1	*	0.0	1.9	*	0.0	2.6	*
Hysterectomy.....	2	0.0	2.4	*	0.0	6.1	*	0.0	10.2	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

SABETHA COMMUNITY HOSPITAL

14th & Oregon
Sabetha, KS 66534

Medicare Provider Number: 170164

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	155	12.9	11.6	3.4	15.5	16.4	3.8	19.4	20.3	3.9
CONDITIONS:										
Acute Myocardial Infarction.....	16	56.3	34.4	*	56.3	38.6	*	56.3	42.5	*
Congestive Heart Failure.....	9	22.2	12.2	*	22.2	19.1	*	33.3	25.2	*
Pneumonia/Influenza.....	9	11.1	16.0	*	11.1	22.5	*	11.1	27.3	*
Chronic Obstructive Pulmonary Disease.....	3	0.0	4.7	*	0.0	8.9	*	0.0	12.8	*
Transient Cerebral Ischemia.....	2	0.0	1.6	*	50.0	3.5	*	50.0	5.6	*
Stroke.....	4	0.0	21.2	*	0.0	27.0	*	0.0	31.8	*
Hip Fracture.....	1	0.0	10.5	*	0.0	22.7	*	0.0	32.8	*
Sepsis.....	6	16.7	31.1	*	16.7	39.8	*	16.7	47.8	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	7	0.0	0.6	*	0.0	1.5	*	14.3	2.7	*
Cholecystectomy.....	3	0.0	1.9	*	0.0	3.3	*	0.0	4.1	*
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1988

Total Beds..... 27
Occupancy Rate..... 30
Ownership/Control..... Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 5
Percent of Physicians Board Certified Specialists..... 100
Medical Residents/Interns..... 0
Registered Nurses..... 9
Licensed Practical Nurses..... 5

SPECIALTY SERVICES:

Burn Unit..... No
Cardiac Intensive Care..... No
Comprehensive Geriatric..... Yes
Hospice Care..... No
Medical/Surgical Intensive Care..... No
Organ/Tissue Transplant..... No
Other Intensive Care..... No
Rehabilitation Unit..... No
Trauma Center..... No

** Not used in calculating hospital mortality rates.

SABETHA COMMUNITY HOSPITAL

Medicare Provider Number: 170164

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	190	6.3	9.2	2.8	10.5	14.2	3.6	15.3	18.1	3.6
CONDITIONS:										
Acute Myocardial Infarction.....	7	28.6	35.0	*	28.6	41.9	*	28.6	46.8	*
Congestive Heart Failure.....	12	16.7	16.2	*	16.7	24.7	*	33.3	31.8	*
Pneumonia/Influenza.....	16	12.5	15.3	*	12.5	21.3	*	12.5	25.9	*
Chronic Obstructive Pulmonary Disease.....	2	0.0	9.0	*	50.0	14.6	*	50.0	19.5	*
Transient Cerebral Ischemia.....	0									
Stroke.....	4	25.0	21.5	*	25.0	28.5	*	25.0	33.8	*
Hip Fracture.....	1	0.0	4.1	*	0.0	8.6	*	0.0	12.2	*
Sepsis.....	4	25.0	16.1	*	25.0	23.3	*	25.0	28.5	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	6	0.0	0.6	*	0.0	1.3	*	0.0	2.3	*
Cholecystectomy.....	3	0.0	1.6	*	0.0	3.5	*	0.0	4.8	*
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	182	12.1	12.1	2.4	17.6	17.7	3.4	20.3	21.9	3.4
CONDITIONS:										
Acute Myocardial Infarction.....	7	42.9	25.4	*	42.9	29.4	*	42.9	33.0	*
Congestive Heart Failure.....	9	11.1	13.8	*	22.2	20.9	*	33.3	27.0	*
Pneumonia/Influenza.....	12	8.3	12.4	*	8.3	16.9	*	8.3	20.5	*
Chronic Obstructive Pulmonary Disease.....	1	0.0	20.7	*	0.0	25.4	*	0.0	30.2	*
Transient Cerebral Ischemia.....	0									
Stroke.....	7	42.9	34.5	*	42.9	42.5	*	42.9	47.7	*
Hip Fracture.....	0									
Sepsis.....	3	0.0	16.8	*	0.0	21.5	*	0.0	25.4	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	6	0.0	0.3	*	0.0	0.7	*	0.0	1.2	*
Cholecystectomy.....	2	0.0	2.3	*	0.0	3.9	*	0.0	4.9	*
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

SALEM HOSPITAL INC

701 S Main St
Hillsboro, KS 67063

Medicare Provider Number: 170026

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	167	7.2	12.7	5.3	13.8	18.1	5.3	18.6	22.5	5.7
CONDITIONS:										
Acute Myocardial Infarction.....	1	100.0	43.8	*	100.0	55.6	*	100.0	62.1	*
Congestive Heart Failure.....	15	13.3	20.2	*	13.3	30.8	*	13.3	38.6	*
Pneumonia/Influenza.....	13	7.7	24.5	*	23.1	31.7	*	23.1	36.4	*
Chronic Obstructive Pulmonary Disease.....	0									
Transient Cerebral Ischemia.....	9	0.0	2.4	*	0.0	5.6	*	11.1	8.9	*
Stroke.....	11	0.0	20.8	*	27.3	27.4	*	36.4	31.9	*
Hip Fracture.....	8	0.0	9.0	*	12.5	15.8	*	12.5	20.1	*
Sepsis.....	3	0.0	42.9	*	33.3	50.8	*	66.7	58.5	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	4	0.0	8.4	*	25.0	15.8	*	25.0	20.6	*
Open Reduction of Hip Fracture.....	8	0.0	7.8	*	12.5	14.5	*	12.5	18.7	*
Prostatectomy.....	6	0.0	1.0	*	0.0	2.3	*	0.0	3.8	*
Cholecystectomy.....	2	0.0	1.6	*	0.0	2.6	*	0.0	3.3	*
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 88
Occupancy Rate..... 84
Ownership/Control..... Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 4
Percent of Physicians Board Certified Specialists..... 100
Medical Residents/Interns..... 0
Registered Nurses..... 10
Licensed Practical Nurses..... 2

SPECIALTY SERVICES:

Burn Unit..... No
Cardiac Intensive Care..... No
Comprehensive Geriatric..... No
Hospice Care..... No
Medical/Surgical Intensive Care..... No
Organ/Tissue Transplant..... No
Other Intensive Care..... No
Rehabilitation Unit..... No
Trauma Center..... No

** Not used in calculating hospital mortality rates.

SALEM HOSPITAL INC
Medicare Provider Number: 170026

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	165	13.3	12.2	2.7	18.2	17.6	3.6	23.6	22.1	4.0
CONDITIONS:										
Acute Myocardial Infarction.....	4	50.0	38.5	*	50.0	41.8	*	50.0	45.5	*
Congestive Heart Failure.....	9	44.4	16.9	*	55.6	24.3	*	55.6	30.8	*
Pneumonia/Influenza.....	8	37.5	22.9	*	37.5	29.7	*	50.0	34.7	*
Chronic Obstructive Pulmonary Disease.....	0									
Transient Cerebral Ischemia.....	6	0.0	1.9	*	16.7	4.1	*	16.7	6.5	*
Stroke.....	11	18.2	23.8	*	36.4	30.9	*	36.4	35.3	*
Hip Fracture.....	4	0.0	5.7	*	0.0	10.4	*	0.0	13.6	*
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	2	0.0	5.8	*	0.0	10.9	*	0.0	14.1	*
Open Reduction of Hip Fracture.....	4	0.0	4.9	*	0.0	9.4	*	0.0	12.6	*
Prostatectomy.....	10	0.0	1.3	*	0.0	3.2	*	0.0	5.3	*
Cholecystectomy.....	3	0.0	2.2	*	0.0	4.3	*	0.0	5.7	*
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	154	12.3	9.9	3.8	18.2	14.3	3.7	18.8	18.0	5.0
CONDITIONS:										
Acute Myocardial Infarction.....	6	33.3	26.8	*	33.3	30.0	*	33.3	33.2	*
Congestive Heart Failure.....	5	50.0	21.5	*	66.7	30.3	*	66.7	37.5	*
Pneumonia/Influenza.....	7	28.6	20.3	*	42.9	26.9	*	42.9	31.9	*
Chronic Obstructive Pulmonary Disease.....	0									
Transient Cerebral Ischemia.....	3	0.0	2.0	*	33.3	4.2	*	33.3	6.8	*
Stroke.....	9	22.2	22.9	*	22.2	29.2	*	22.2	33.7	*
Hip Fracture.....	4	25.0	6.7	*	25.0	12.0	*	25.0	15.6	*
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	2	0.0	5.3	*	0.0	10.0	*	0.0	13.3	*
Open Reduction of Hip Fracture.....	2	50.0	5.2	*	50.0	10.2	*	50.0	13.7	*
Prostatectomy.....	5	0.0	1.6	*	0.0	4.3	*	20.0	7.7	*
Cholecystectomy.....	6	0.0	1.3	*	0.0	2.1	*	0.0	2.8	*
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

SATANTA DISTRICT HOSPITAL

Cheyenne and Apache
Satanta, KS 67870

Medicare Provider Number: 170139

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	74	4.1	9.5	5.6	8.1	14.5	6.3	14.9	18.7	6.0
CONDITIONS:										
Acute Myocardial Infarction.....	0									
Congestive Heart Failure.....	19	10.5	14.2	*	10.5	23.3	*	26.3	30.9	*
Pneumonia/Influenza.....	9	0.0	16.2	*	0.0	22.2	*	0.0	27.2	*
Chronic Obstructive Pulmonary Disease.....	0									
Transient Cerebral Ischemia.....	0									
Stroke.....	2	0.0	18.9	*	0.0	24.6	*	50.0	28.8	*
Hip Fracture.....	0									
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1988

Total Beds..... 42
Occupancy Rate..... 74
Ownership/Control..... District/Authority

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 2
Percent of Physicians Board Certified Specialists..... (Not Available)
Medical Residents/Interns..... 0
Registered Nurses..... 7
Licensed Practical Nurses..... 2

SPECIALTY SERVICES:

Burn Unit..... No
Cardiac Intensive Care..... No
Comprehensive Geriatric..... No
Hospice Care..... No
Medical/Surgical Intensive Care..... No
Organ/Tissue Transplant..... No
Other Intensive Care..... No
Rehabilitation Unit..... No
Trauma Center..... No

** Not used in calculating hospital mortality rates.

SATANTA DISTRICT HOSPITAL

Medicare Provider Number: 170139

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	63	9.5	13.7	5.1	11.1	18.9	6.3	11.1	22.9	6.7
CONDITIONS:										
Acute Myocardial Infarction.....	5	0.0	39.8	*	0.0	42.8	*	0.0	46.3	*
Congestive Heart Failure.....	11	27.3	21.8	*	36.4	33.2	*	36.4	41.7	*
Pneumonia/Influenza.....	9	11.1	15.9	*	11.1	21.1	*	11.1	25.3	*
Chronic Obstructive Pulmonary Disease.....	1	0.0	6.7	*	0.0	11.6	*	0.0	15.7	*
Transient Cerebral Ischemia.....	2	0.0	2.0	*	0.0	4.3	*	0.0	6.7	*
Stroke.....	2	0.0	23.9	*	0.0	29.7	*	0.0	34.7	*
Hip Fracture.....	1	0.0	7.6	*	0.0	14.4	*	0.0	18.7	*
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	1	0.0	7.1	*	0.0	14.0	*	0.0	18.4	*
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	1	0.0	0.2	*	0.0	0.2	*	0.0	0.3	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	65	9.2	13.3	5.2	13.8	19.5	6.8	15.4	24.6	8.2
CONDITIONS:										
Acute Myocardial Infarction.....	1	0.0	26.7	*	0.0	29.1	*	0.0	32.0	*
Congestive Heart Failure.....	10	10.0	20.0	*	20.0	31.6	*	20.0	40.5	*
Pneumonia/Influenza.....	8	12.5	13.7	*	25.0	18.7	*	25.0	23.2	*
Chronic Obstructive Pulmonary Disease.....	2	0.0	8.0	*	0.0	13.6	*	0.0	18.1	*
Transient Cerebral Ischemia.....	1	0.0	1.2	*	0.0	2.3	*	0.0	3.5	*
Stroke.....	4	25.0	23.4	*	25.0	31.1	*	50.0	37.2	*
Hip Fracture.....	0									
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	1	0.0	0.9	*	0.0	2.6	*	0.0	4.5	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	1	0.0	2.3	*	0.0	4.5	*	0.0	5.8	*
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

SCOTT COUNTY HOSPITAL

310 East Third
Scott City, KS 67871

Medicare Provider Number: 170085

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	172	9.3	10.6	2.7	14.0	15.7	2.9	18.6	20.1	3.3
CONDITIONS:										
Acute Myocardial Infarction.....	3	33.3	24.7	*	66.7	29.0	*	66.7	33.6	*
Congestive Heart Failure.....	16	25.0	15.1	*	25.0	23.9	*	37.5	31.2	*
Pneumonia/Influenza.....	14	0.0	15.1	*	0.0	20.1	*	14.3	24.5	*
Chronic Obstructive Pulmonary Disease.....	9	0.0	6.2	*	11.1	11.2	*	11.1	15.8	*
Transient Cerebral Ischemia.....	2	0.0	1.1	*	0.0	2.5	*	0.0	3.9	*
Stroke.....	6	16.7	16.0	*	16.7	22.0	*	16.7	26.0	*
Hip Fracture.....	2	0.0	10.6	*	50.0	20.3	*	50.0	26.6	*
Sepsis.....	2	0.0	12.6	*	0.0	16.4	*	0.0	19.9	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	1	0.0	11.4	*	0.0	23.4	*	0.0	31.7	*
Prostatectomy.....	0									
Cholecystectomy.....	2	0.0	0.4	*	0.0	0.7	*	0.0	1.0	*
Hysterectomy.....	2	0.0	0.2	*	0.0	0.5	*	0.0	0.6	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 27
Occupancy Rate..... 41
Ownership/Control..... Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 3
Percent of Physicians Board Certified Specialists.... (Not Available)
Medical Residents/Interns..... 0
Registered Nurses..... 12
Licensed Practical Nurses..... 2

SPECIALTY SERVICES:

Burn Unit..... No
Cardiac Intensive Care..... No
Comprehensive Geriatric..... No
Hospice Care..... No
Medical/Surgical Intensive Care..... No
Organ/Tissue Transplant..... No
Other Intensive Care..... No
Rehabilitation Unit..... No
Trauma Center..... No

** Not used in calculating hospital mortality rates.

SCOTT COUNTY HOSPITAL

Medicare Provider Number: 170085

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	124	16.1	11.1	3.8	20.2	15.7	3.9	20.2	19.3	3.7
CONDITIONS:										
Acute Myocardial Infarction.....	3	66.7	35.5	*	66.7	39.7	*	66.7	43.5	*
Congestive Heart Failure.....	7	14.3	15.4	*	28.6	24.0	*	28.6	31.2	*
Pneumonia/Influenza.....	8	12.5	12.9	*	12.5	18.2	*	12.5	22.1	*
Chronic Obstructive Pulmonary Disease.....	1	0.0	4.8	*	0.0	10.1	*	0.0	14.6	*
Transient Cerebral Ischemia.....	2	0.0	3.9	*	0.0	8.8	*	0.0	14.3	*
Stroke.....	9	33.3	23.2	*	44.4	31.4	*	44.4	36.5	*
Hip Fracture.....	1	0.0	5.0	*	0.0	9.9	*	0.0	13.4	*
Sepsis.....	1	0.0	16.1	*	0.0	21.6	*	0.0	26.3	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	1	0.0	4.3	*	0.0	8.9	*	0.0	12.4	*
Prostatectomy.....	0									
Cholecystectomy.....	1	0.0	1.1	*	0.0	2.2	*	0.0	3.0	*
Hysterectomy.....	1	0.0	0.3	*	0.0	0.6	*	0.0	0.8	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	136	11.0	8.3	3.5	16.2	13.1	4.0	18.4	17.0	5.5
CONDITIONS:										
Acute Myocardial Infarction.....	5	40.0	26.2	*	40.0	28.5	*	40.0	31.5	*
Congestive Heart Failure.....	10	10.0	13.0	*	30.0	20.1	*	40.0	26.5	*
Pneumonia/Influenza.....	8	12.5	14.6	*	25.0	21.7	*	37.5	26.7	*
Chronic Obstructive Pulmonary Disease.....	4	0.0	6.0	*	0.0	13.2	*	0.0	20.6	*
Transient Cerebral Ischemia.....	4	0.0	1.8	*	25.0	3.9	*	25.0	6.4	*
Stroke.....	6	33.3	19.9	*	33.3	25.4	*	33.3	29.5	*
Hip Fracture.....	3	0.0	3.2	*	0.0	6.1	*	0.0	8.2	*
Sepsis.....	1	100.0	21.9	*	100.0	38.1	*	100.0	50.6	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	3	0.0	2.8	*	0.0	5.5	*	0.0	7.6	*
Prostatectomy.....	0									
Cholecystectomy.....	3	33.3	3.4	*	33.3	5.6	*	33.3	6.9	*
Hysterectomy.....	1	0.0	0.1	*	0.0	0.1	*	0.0	0.2	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

SEDAN CITY HOSPITAL300 North Street
Sedan, KS 67361

Medicare Provider Number: 170106

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	67	13.4	12.8	6.2	19.4	17.6	5.6	22.4	21.6	5.8
CONDITIONS:										
Acute Myocardial Infarction.....	5	60.0	32.0	*	80.0	37.3	*	80.0	41.4	*
Congestive Heart Failure.....	5	0.0	12.2	*	20.0	18.1	*	20.0	23.7	*
Pneumonia/Influenza.....	10	10.0	17.3	*	10.0	23.8	*	10.0	28.8	*
Chronic Obstructive Pulmonary Disease.....	1	0.0	4.2	*	0.0	7.8	*	0.0	11.2	*
Transient Cerebral Ischemia.....	1	0.0	2.0	*	0.0	4.6	*	0.0	7.4	*
Stroke.....	4	50.0	27.6	*	50.0	33.9	*	50.0	38.6	*
Hip Fracture.....	0									
Sepsis.....	1	0.0	24.6	*	0.0	29.6	*	0.0	36.0	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	2	0.0	0.9	*	0.0	1.8	*	0.0	2.5	*
Hysterectomy.....	2	0.0	0.5	*	0.0	1.2	*	0.0	1.7	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS ****SOURCE:** Health Care Financing Administration (OSCAR) - 1990

Total Beds..... 44
Ownership/Control..... Local Government

STAFFING:

Medical Residents/Interns..... 0
Registered Nurses..... 4
Licensed Practical Nurses..... 2

SPECIALTY SERVICES:

Burn Unit..... No
Coronary Care Unit..... No
Hospice..... No
Intensive Care Unit..... No
Organ Transplant..... No
Rehabilitation..... No
Shock Trauma..... No

** Not used in calculating hospital mortality rates.

SEDAN CITY HOSPITAL
Medicare Provider Number: 170106

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	62	24.2	13.8	7.2	27.4	18.9	8.9	32.3	23.2	8.9
CONDITIONS:										
Acute Myocardial Infarction.....	6	50.0	36.5	*	50.0	39.6	*	66.7	42.4	*
Congestive Heart Failure.....	2	100.0	17.8	*	100.0	26.1	*	100.0	33.1	*
Pneumonia/Influenza.....	11	18.2	16.4	*	27.3	22.0	*	27.3	26.5	*
Chronic Obstructive Pulmonary Disease.....	2	50.0	4.1	*	50.0	7.3	*	50.0	10.6	*
Transient Cerebral Ischemia.....	1	0.0	3.1	*	0.0	7.4	*	0.0	12.1	*
Stroke.....	2	50.0	21.0	*	50.0	28.3	*	50.0	33.3	*
Hip Fracture.....	0									
Sepsis.....	2	50.0	28.3	*	100.0	35.6	*	100.0	42.6	*
PROCEDURE:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	2	0.0	2.9	*	0.0	5.3	*	0.0	6.7	*
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	78	10.3	8.9	3.3	11.5	13.7	4.1	15.4	17.5	4.4
CONDITIONS:										
Acute Myocardial Infarction.....	2	50.0	31.8	*	50.0	38.5	*	50.0	41.3	*
Congestive Heart Failure.....	3	33.3	20.7	*	33.3	30.8	*	33.3	37.8	*
Pneumonia/Influenza.....	5	0.0	12.8	*	0.0	17.3	*	0.0	21.6	*
Chronic Obstructive Pulmonary Disease.....	1	0.0	5.1	*	0.0	8.3	*	0.0	11.4	*
Transient Cerebral Ischemia.....	1	0.0	1.1	*	0.0	2.3	*	0.0	3.6	*
Stroke.....	1	0.0	20.9	*	100.0	27.7	*	100.0	32.9	*
Hip Fracture.....	1	0.0	3.1	*	0.0	5.7	*	0.0	7.6	*
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	1	0.0	2.7	*	0.0	5.2	*	0.0	7.0	*
Prostatectomy.....	1	0.0	0.4	*	0.0	0.8	*	0.0	1.3	*
Cholecystectomy.....	0									
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

SHAWNEE MISSION MEDICAL CENTER

9100 West 74th

Shawnee Mission, KS 66201

Medicare Provider Number: 170104

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	2,507	7.5	8.2	0.8	11.9	12.4	1.0	15.0	15.7	1.2
CONDITIONS:										
Acute Myocardial Infarction.....	78	25.6	25.5	5.1	29.5	28.4	5.2	30.8	31.6	5.4
Congestive Heart Failure.....	117	15.4	14.6	3.4	22.2	22.6	3.9	29.9	29.2	4.3
Pneumonia/Influenza.....	86	8.1	15.6	7.5	15.1	21.1	7.3	19.8	25.5	7.9
Chronic Obstructive Pulmonary Disease.....	40	0.0	4.4	*	5.0	8.6	*	10.0	12.7	*
Transient Cerebral Ischemia.....	42	0.0	1.8	*	2.4	4.0	*	9.5	6.4	*
Stroke.....	88	20.5	21.6	4.7	28.4	28.6	5.5	34.1	33.3	5.2
Hip Fracture.....	59	3.4	5.6	4.2	10.2	10.6	5.8	11.9	14.1	4.8
Sepsis.....	29	24.1	27.8	*	37.9	35.1	*	41.4	41.6	*
PROCEDURES:										
Angioplasty.....	61	4.9	5.8	3.1	4.9	7.0	3.6	4.9	8.3	4.4
Coronary Artery Bypass Graft.....	30	6.7	4.2	*	6.7	5.8	*	6.7	7.0	*
Initial Pacemaker Insertion.....	22	0.0	3.4	*	4.5	6.7	*	4.5	9.8	*
Carotid Endarterectomy.....	33	0.0	1.4	*	0.0	2.5	*	3.0	3.7	*
Hip Replacement/Reconstruction.....	37	5.4	2.7	*	8.1	5.5	*	8.1	7.9	*
Open Reduction of Hip Fracture.....	37	2.7	4.9	*	10.8	9.5	*	13.5	12.7	*
Prostatectomy.....	92	2.2	1.7	2.0	6.5	3.1	2.2	9.8	4.7	3.0
Cholecystectomy.....	68	1.5	2.4	2.1	2.9	3.9	2.7	2.9	4.9	3.2
Hysterectomy.....	29	0.0	0.2	*	0.0	0.5	*	0.0	0.7	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 383
 Occupancy Rate..... 63
 Ownership/Control..... Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 256
 Percent of Physicians Board Certified Specialists..... 84
 Medical Residents/Interns..... 0
 Registered Nurses..... 387
 Licensed Practical Nurses..... 27

SPECIALTY SERVICES:

Burn Unit..... No
 Cardiac Intensive Care..... No
 Comprehensive Geriatric..... No
 Hospice Care..... No
 Medical/Surgical Intensive Care..... Yes
 Organ/Tissue Transplant..... No
 Other Intensive Care..... No
 Rehabilitation Unit..... No
 Trauma Center..... No

** Not used in calculating hospital mortality rates.

SHAWNEE MISSION MEDICAL CENTER

Medicare Provider Number: 170104

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	2,692	7.3	8.3	1.1	12.4	12.6	1.1	15.5	16.0	1.0
CONDITIONS:										
Acute Myocardial Infarction.....	77	35.1	27.9	7.3	35.1	30.7	7.2	39.0	34.0	6.7
Congestive Heart Failure.....	104	22.1	16.3	6.4	30.8	24.8	8.8	37.5	31.7	8.6
Pneumonia/Influenza.....	77	14.3	17.3	5.2	20.8	23.3	5.7	26.0	28.1	5.8
Chronic Obstructive Pulmonary Disease.....	35	5.7	4.7	*	8.6	9.1	*	8.6	13.0	*
Transient Cerebral Ischemia.....	33	3.0	2.0	*	3.0	4.3	*	6.1	6.8	*
Stroke.....	100	14.0	21.5	8.1	22.0	28.3	9.9	25.0	33.2	8.6
Hip Fracture.....	86	11.6	6.6	4.8	15.1	11.9	5.1	16.3	15.3	5.4
Sepsis.....	48	18.8	28.8	*	39.6	38.0	*	43.8	44.5	*
PROCEDURES:										
Angioplasty.....	49	12.2	5.9	*	12.2	7.1	*	16.3	8.4	*
Coronary Artery Bypass Graft.....	37	18.9	5.6	*	18.9	7.7	*	18.9	8.9	*
Initial Pacemaker Insertion.....	17	0.0	5.0	*	5.9	7.8	*	5.9	10.7	*
Carotid Endarterectomy.....	24	4.2	1.4	*	4.2	2.5	*	4.2	3.7	*
Hip Replacement/Reconstruction.....	55	3.6	4.4	2.9	7.3	8.4	3.9	9.1	10.9	5.1
Open Reduction of Hip Fracture.....	40	10.0	5.2	*	12.5	10.0	*	12.5	13.2	*
Prostatectomy.....	116	0.9	1.2	1.4	3.4	3.1	2.1	6.9	5.1	3.0
Cholecystectomy.....	88	1.1	3.7	3.2	5.7	6.5	3.0	8.0	8.4	3.6
Hysterectomy.....	30	0.0	0.9	*	3.3	1.9	*	3.3	2.8	*

*The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	2,626	6.9	8.0	0.9	10.9	12.1	1.0	14.4	15.4	1.0
CONDITIONS:										
Acute Myocardial Infarction.....	64	26.6	29.9	8.8	29.7	33.1	9.6	31.3	36.5	9.4
Congestive Heart Failure.....	92	12.0	14.7	4.3	22.8	22.5	4.7	29.3	29.2	4.8
Pneumonia/Influenza.....	61	6.6	16.6	7.7	13.1	22.5	8.5	19.7	27.3	7.7
Chronic Obstructive Pulmonary Disease.....	37	2.7	5.2	*	5.4	10.0	*	8.1	14.3	*
Transient Cerebral Ischemia.....	37	0.0	2.1	*	0.0	4.7	*	5.4	7.5	*
Stroke.....	102	25.5	23.3	4.8	30.4	29.7	4.5	31.4	34.4	5.0
Hip Fracture.....	78	6.4	6.1	2.7	11.5	10.8	3.7	16.7	14.0	5.4
Sepsis.....	14	21.4	29.2	*	35.7	34.9	*	35.7	40.2	*
PROCEDURES:										
Angioplasty.....	38	7.9	7.8	*	7.9	8.9	*	10.5	10.3	*
Coronary Artery Bypass Graft.....	20	5.0	4.9	*	5.0	6.3	*	5.0	7.3	*
Initial Pacemaker Insertion.....	22	9.1	3.8	*	13.6	6.8	*	13.6	9.4	*
Carotid Endarterectomy.....	21	0.0	1.6	*	9.5	3.2	*	9.5	4.6	*
Hip Replacement/Reconstruction.....	51	2.0	3.2	2.7	5.9	5.9	3.3	7.8	7.9	3.9
Open Reduction of Hip Fracture.....	33	9.1	6.3	*	12.1	11.7	*	15.2	15.2	*
Prostatectomy.....	107	0.9	1.1	1.5	3.7	2.7	2.1	8.4	4.5	2.7
Cholecystectomy.....	69	2.9	3.3	2.7	5.8	6.1	3.4	5.8	8.1	3.8
Hysterectomy.....	30	0.0	0.8	*	0.0	1.6	*	0.0	2.4	*

*The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

SHERIDAN COUNTY HOSPITAL

826-Eighteenth Street
Hoxie, KS 67740

Medicare Provider Number: 170063

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	90	15.6	9.1	4.1	20.0	13.2	4.6	20.0	16.5	5.5
CONDITIONS:										
Acute Myocardial Infarction.....	5	60.0	29.0	*	60.0	33.0	*	60.0	36.8	*
Congestive Heart Failure.....	6	16.7	15.7	*	50.0	25.1	*	50.0	32.4	*
Pneumonia/Influenza.....	12	25.0	15.0	*	25.0	21.1	*	25.0	25.6	*
Chronic Obstructive Pulmonary Disease.....	1	0.0	4.0	*	0.0	7.5	*	0.0	10.9	*
Transient Cerebral Ischemia.....	5	0.0	1.7	*	0.0	3.8	*	0.0	6.2	*
Stroke.....	5	40.0	21.2	*	40.0	27.3	*	40.0	31.7	*
Hip Fracture.....	0									
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	2	0.0	0.5	*	0.0	0.9	*	0.0	1.4	*
Hysterectomy.....	1	0.0	0.1	*	0.0	0.2	*	0.0	0.4	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: Health Care Financing Administration (OSCAR) - 1990

Total Beds..... 19
Ownership/Control..... Local Government

STAFFING:

Medical Residents/Interns..... 0
Registered Nurses..... 7
Licensed Practical Nurses..... 3

SPECIALTY SERVICES:

Burn Unit..... No
Coronary Care Unit..... No
Hospice..... Yes
Intensive Care Unit..... No
Organ Transplant..... No
Rehabilitation..... No
Shock Trauma..... No

** Not used in calculating hospital mortality rates.

SHERIDAN COUNTY HOSPITAL

Medicare Provider Number: 170063

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	82	17.1	9.7	4.8	23.2	14.0	5.4	28.0	17.9	5.7
CONDITIONS:										
Acute Myocardial Infarction.....	5	60.0	42.4	*	60.0	46.9	*	60.0	51.9	*
Congestive Heart Failure.....	5	40.0	13.6	*	40.0	22.9	*	40.0	30.5	*
Pneumonia/Influenza.....	10	20.0	18.8	*	40.0	25.3	*	40.0	30.0	*
Chronic Obstructive Pulmonary Disease.....	2	0.0	4.7	*	50.0	8.8	*	50.0	12.5	*
Transient Cerebral Ischemia.....	4	0.0	1.5	*	0.0	3.2	*	0.0	4.9	*
Stroke.....	5	20.0	21.3	*	20.0	29.7	*	40.0	34.5	*
Hip Fracture.....	0									
Sepsis.....	1	100.0	43.8	*	100.0	48.5	*	100.0	54.3	*
PROCEDURE:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	79	15.2	10.6	4.0	22.8	15.4	5.0	29.1	19.3	6.6
CONDITIONS:										
Acute Myocardial Infarction.....	3	66.7	28.3	*	66.7	31.4	*	66.7	34.7	*
Congestive Heart Failure.....	3	0.0	15.3	*	33.3	23.6	*	33.3	30.4	*
Pneumonia/Influenza.....	6	16.7	18.8	*	33.3	26.3	*	33.3	32.0	*
Chronic Obstructive Pulmonary Disease.....	0									
Transient Cerebral Ischemia.....	7	14.3	2.3	*	14.3	5.1	*	42.9	8.3	*
Stroke.....	10	10.0	23.8	*	10.0	32.0	*	30.0	37.2	*
Hip Fracture.....	0									
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	1	0.0	0.6	*	0.0	1.1	*	0.0	1.6	*
Hysterectomy.....	1	0.0	0.1	*	0.0	0.2	*	0.0	0.3	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

SMITH COUNTY MEMORIAL HOSPITAL

614 S Main St
Smith Center, KS 66967

Medicare Provider Number: 170093

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	188	11.7	10.4	2.5	13.3	15.4	2.8	14.4	19.5	3.2
CONDITIONS:										
Acute Myocardial Infarction.....	10	50.0	24.7	*	50.0	28.7	*	50.0	32.6	*
Congestive Heart Failure.....	10	10.0	13.2	*	10.0	20.8	*	20.0	27.4	*
Pneumonia/Influenza.....	14	14.3	18.3	*	21.4	25.7	*	21.4	31.3	*
Chronic Obstructive Pulmonary Disease.....	3	0.0	2.9	*	0.0	6.0	*	0.0	9.0	*
Transient Cerebral Ischemia.....	4	0.0	2.0	*	0.0	4.6	*	0.0	7.6	*
Stroke.....	8	25.0	19.1	*	37.5	25.9	*	37.5	30.6	*
Hip Fracture.....	0									
Sepsis.....	1	0.0	22.1	*	0.0	28.8	*	0.0	34.0	*
PROCÉDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	2	50.0	1.0	*	50.0	1.7	*	50.0	2.5	*
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	5	0.0	1.3	*	0.0	2.2	*	0.0	2.9	*
Hysterectomy.....	1	0.0	1.2	*	0.0	2.5	*	0.0	3.5	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 52
Occupancy Rate..... 64
Ownership/Control..... Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 10
Percent of Physicians Board Certified Specialists..... 10
Medical Residents/Interns..... 0
Registered Nurses..... 14
Licensed Practical Nurses..... 2

SPECIALTY SERVICES:

Burn Unit..... No
Cardiac Intensive Care..... No
Comprehensive Geriatric..... No
Hospice Care.....

** Not used in calculating hospital mortality rates.

SMITH COUNTY MEMORIAL HOSPITAL

Medicare Provider Number: 170093

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	259	10.0	8.5	2.8	13.9	12.8	2.6	17.8	16.4	2.6
CONDITIONS:										
Acute Myocardial Infarction.....	18	33.3	23.8	*	38.9	26.9	*	44.4	30.5	*
Congestive Heart Failure.....	7	0.0	15.2	*	14.3	23.6	*	14.3	30.2	*
Pneumonia/Influenza.....	15	20.0	16.8	*	20.0	23.3	*	20.0	28.0	*
Chronic Obstructive Pulmonary Disease.....	2	0.0	5.5	*	0.0	12.0	*	0.0	18.2	*
Transient Cerebral Ischemia.....	3	0.0	1.0	*	0.0	2.3	*	0.0	3.7	*
Stroke.....	14	28.6	22.5	*	35.7	29.3	*	35.7	34.4	*
Hip Fracture.....	1	0.0	5.3	*	0.0	10.8	*	0.0	15.5	*
Sepsis.....	2	50.0	30.4	*	50.0	35.1	*	50.0	40.9	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	6	0.0	1.4	*	16.7	2.7	*	16.7	4.0	*
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	5	0.0	0.8	*	0.0	1.4	*	0.0	1.9	*
Hysterectomy.....	1	0.0	1.2	*	0.0	2.3	*	0.0	2.8	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	307	10.4	9.4	2.8	14.3	14.2	2.7	18.2	18.2	2.7
CONDITIONS:										
Acute Myocardial Infarction.....	14	57.1	32.9	*	57.1	36.7	*	57.1	40.9	*
Congestive Heart Failure.....	8	37.5	20.8	*	50.0	33.5	*	62.5	42.9	*
Pneumonia/Influenza.....	28	7.1	17.7	*	14.3	24.2	*	21.4	29.5	*
Chronic Obstructive Pulmonary Disease.....	7	0.0	5.4	*	14.3	10.3	*	14.3	15.2	*
Transient Cerebral Ischemia.....	14	7.1	2.2	*	7.1	5.0	*	7.1	8.2	*
Stroke.....	12	16.7	25.0	*	16.7	32.6	*	33.3	37.9	*
Hip Fracture.....	1	0.0	4.5	*	0.0	8.5	*	0.0	11.4	*
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	1	0.0	1.0	*	0.0	1.8	*	0.0	2.6	*
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	8	0.0	1.1	*	0.0	2.0	*	0.0	2.6	*
Hysterectomy.....	2	0.0	0.2	*	0.0	0.4	*	0.0	0.6	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

SOUTHWEST MEDICAL CENTER

West 15th Box 1340
Liberal, KS 67905

Medicare Provider Number: 170068

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	500	7.4	8.2	2.0	11.8	12.5	2.6	14.2	16.0	3.0
CONDITIONS:										
Acute Myocardial Infarction.....	12	33.3	27.5	*	33.3	29.9	*	33.3	32.8	*
Congestive Heart Failure.....	20	25.0	16.6	*	35.0	26.1	*	40.0	33.6	*
Pneumonia/Influenza.....	43	0.0	12.9	*	2.3	17.8	*	11.6	21.7	*
Chronic Obstructive Pulmonary Disease.....	4	25.0	9.7	*	25.0	17.1	*	25.0	23.2	*
Transient Cerebral Ischemia.....	6	0.0	1.4	*	0.0	3.2	*	0.0	5.2	*
Stroke.....	22	27.3	17.6	*	31.8	24.5	*	31.8	28.9	*
Hip Fracture.....	8	12.5	6.0	*	12.5	10.4	*	12.5	13.2	*
Sepsis.....	7	14.3	26.9	*	28.6	34.2	*	28.6	39.7	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	5	0.0	4.9	*	0.0	8.5	*	20.0	11.6	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	4	0.0	3.5	*	0.0	6.4	*	0.0	8.3	*
Open Reduction of Hip Fracture.....	3	33.3	7.1	*	33.3	12.8	*	33.3	16.3	*
Prostatectomy.....	10	0.0	1.3	*	0.0	3.5	*	0.0	6.3	*
Cholecystectomy.....	13	0.0	1.6	*	0.0	2.8	*	0.0	3.8	*
Hysterectomy.....	18	0.0	0.6	*	0.0	1.2	*	0.0	1.8	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 86
Occupancy Rate..... 45
Ownership/Control..... Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 19
Percent of Physicians Board Certified Specialists..... 79
Medical Residents/Interns..... 0
Registered Nurses..... 37
Licensed Practical Nurses..... 24

SPECIALTY SERVICES:

Burn Unit..... No
Cardiac Intensive Care..... No
Comprehensive Geriatric..... No
Hospice Care..... No
Medical/Surgical Intensive Care..... Yes
Organ/Tissue Transplant..... No
Other Intensive Care..... No
Rehabilitation Unit..... No
Trauma Center..... No

** Not used in calculating hospital mortality rates.

SOUTHWEST MEDICAL CENTER

Medicare Provider Number: 170068

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	521	9.6	8.1	1.6	14.4	12.6	1.9	16.1	16.2	1.6
CONDITIONS:										
Acute Myocardial Infarction.....	16	25.0	25.6	*	25.0	29.1	*	25.0	32.7	*
Congestive Heart Failure.....	21	28.6	16.4	*	33.3	25.6	*	38.1	33.1	*
Pneumonia/Influenza.....	30	10.0	16.1	*	20.0	21.9	*	23.3	26.5	*
Chronic Obstructive Pulmonary Disease.....	5	0.0	6.7	*	20.0	12.6	*	20.0	18.0	*
Transient Cerebral Ischemia.....	6	16.7	2.3	*	16.7	5.0	*	16.7	7.9	*
Stroke.....	11	18.2	18.5	*	45.5	25.5	*	45.5	30.2	*
Hip Fracture.....	17	5.9	6.2	*	29.4	11.6	*	29.4	15.3	*
Sepsis.....	2	50.0	17.9	*	50.0	29.1	*	50.0	36.8	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	4	0.0	3.1	*	0.0	5.7	*	0.0	8.2	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	8	0.0	3.7	*	12.5	6.7	*	12.5	8.8	*
Open Reduction of Hip Fracture.....	8	12.5	5.9	*	37.5	11.2	*	37.5	14.9	*
Prostatectomy.....	0									
Cholecystectomy.....	12	8.3	2.1	*	8.3	4.3	*	16.7	6.2	*
Hysterectomy.....	10	0.0	0.9	*	0.0	1.8	*	0.0	2.7	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	514	10.5	9.4	1.4	14.0	14.3	1.5	15.8	18.0	1.8
CONDITIONS:										
Acute Myocardial Infarction.....	19	21.1	28.0	*	21.1	31.4	*	21.1	35.0	*
Congestive Heart Failure.....	15	40.0	19.2	*	46.7	28.0	*	53.3	35.3	*
Pneumonia/Influenza.....	28	17.9	15.1	*	17.9	20.4	*	17.9	24.8	*
Chronic Obstructive Pulmonary Disease.....	8	12.5	6.0	*	12.5	11.4	*	25.0	16.4	*
Transient Cerebral Ischemia.....	4	0.0	3.2	*	0.0	7.0	*	0.0	11.0	*
Stroke.....	14	50.0	21.3	*	50.0	27.2	*	50.0	31.8	*
Hip Fracture.....	10	0.0	5.5	*	0.0	10.0	*	0.0	13.1	*
Sepsis.....	3	33.3	26.7	*	33.3	34.4	*	33.3	40.1	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	4	25.0	4.4	*	25.0	7.9	*	25.0	10.7	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	5	0.0	3.5	*	0.0	7.3	*	0.0	10.2	*
Open Reduction of Hip Fracture.....	6	0.0	5.4	*	0.0	10.2	*	0.0	13.4	*
Prostatectomy.....	0									
Cholecystectomy.....	12	8.3	4.2	*	8.3	7.9	*	8.3	10.2	*
Hysterectomy.....	7	0.0	0.8	*	0.0	1.6	*	0.0	2.2	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

SPEARVILLE DISTRICT HOSPITAL

Hall & Dorsett Sts
Spearville, KS 67876

Medicare Provider Number: 170173

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	18	11.1	13.0	*	11.1	20.4	*	22.2	25.1	*
CONDITIONS:										
Acute Myocardial Infarction.....	0									
Congestive Heart Failure.....	1	0.0	24.7	*	0.0	39.8	*	0.0	51.0	*
Pneumonia/Influenza.....	2	0.0	18.2	*	0.0	24.2	*	0.0	23.6	*
Chronic Obstructive Pulmonary Disease.....	1	0.0	5.7	*	0.0	9.5	*	100.0	14.0	*
Transient Cerebral Ischemia.....	0									
Stroke.....	0									
Hip Fracture.....	0									
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 16
Occupancy Rate..... 63
Ownership/Control..... District/Authority

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 6
Percent of Physicians Board Certified Specialists..... 33
Medical Residents/Interns..... 0
Registered Nurses..... 7
Licensed Practical Nurses..... 1

SPECIALTY SERVICES:

Burn Unit..... No
Cardiac Intensive Care..... No
Comprehensive Geriatric..... No
Hospice Care..... No
Medical/Surgical Intensive Care..... No
Organ/Tissue Transplant..... No
Other Intensive Care..... No
Rehabilitation Unit..... No
Trauma Center..... No

** Not used in calculating hospital mortality rates.

SPEARVILLE DISTRICT HOSPITAL

Medicare Provider Number: 170173

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	27	18.5	17.9	*	25.9	25.8	*	25.9	30.8	*
CONDITIONS:										
Acute Myocardial Infarction.....	1	100.0	63.0	*	100.0	67.9	*	100.0	73.3	*
Congestive Heart Failure.....	2	0.0	21.7	*	0.0	34.5	*	0.0	44.0	*
Pneumonia/Influenza.....	5	20.0	23.3	*	20.0	32.1	*	20.0	37.7	*
Chronic Obstructive Pulmonary Disease.....	2	0.0	3.2	*	0.0	6.2	*	0.0	8.7	*
Transient Cerebral Ischemia.....	1	0.0	1.3	*	0.0	2.8	*	0.0	4.3	*
Stroke.....	1	0.0	19.4	*	0.0	27.9	*	0.0	34.0	*
Hip Fracture.....	0									
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	32	12.5	8.8	*	18.8	13.6	*	21.9	17.8	*
CONDITIONS:										
Acute Myocardial Infarction.....	0									
Congestive Heart Failure.....	3	0.0	14.4	*	0.0	22.9	*	0.0	30.0	*
Pneumonia/Influenza.....	3	33.3	18.1	*	66.7	24.8	*	66.7	29.4	*
Chronic Obstructive Pulmonary Disease.....	5	20.0	3.4	*	20.0	6.9	*	20.0	10.1	*
Transient Cerebral Ischemia.....	2	0.0	1.6	*	0.0	3.4	*	0.0	5.1	*
Stroke.....	2	0.0	19.1	*	0.0	25.0	*	0.0	30.0	*
Hip Fracture.....	1	100.0	6.7	*	100.0	12.5	*	100.0	16.4	*
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

SPEARVILLE DISTRICT HOSPITAL

Hall & Dorsett Sts
Spearville, KS 67876

Medicare Provider Number: 170173

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	18	11.1	13.0	*	11.1	20.4	*	22.2	25.1	*
CONDITIONS:										
Acute Myocardial Infarction.....	0									
Congestive Heart Failure.....	1	0.0	24.7	*	0.0	39.8	*	0.0	51.0	*
Pneumonia/Influenza.....	2	0.0	18.2	*	0.0	24.2	*	0.0	23.6	*
Chronic Obstructive Pulmonary Disease.....	1	0.0	5.7	*	0.0	9.5	*	100.0	14.0	*
Transient Cerebral Ischemia.....	0									
Stroke.....	0									
Hip Fracture.....	0									
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 16
Occupancy Rate..... 63
Ownership/Control..... District/Authority

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 6
Percent of Physicians Board Certified Specialists..... 33
Medical Residents/Interns..... 0
Registered Nurses..... 7
Licensed Practical Nurses..... 1

SPECIALTY SERVICES:

Burn Unit..... No
Cardiac Intensive Care..... No
Comprehensive Geriatric..... No
Hospice Care..... No
Medical/Surgical Intensive Care..... No
Organ/Tissue Transplant..... No
Other Intensive Care..... No
Rehabilitation Unit..... No
Trauma Center..... No

** Not used in calculating hospital mortality rates.

SPEARVILLE DISTRICT HOSPITAL

Medicare Provider Number: 170173

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	27	18.5	17.9	*	25.9	25.8	*	25.9	30.8	*
CONDITIONS:										
Acute Myocardial Infarction.....	1	100.0	63.0	*	100.0	67.9	*	100.0	73.3	*
Congestive Heart Failure.....	2	0.0	21.7	*	0.0	34.5	*	0.0	44.0	*
Pneumonia/Influenza.....	5	20.0	23.3	*	20.0	32.1	*	20.0	37.7	*
Chronic Obstructive Pulmonary Disease.....	2	0.0	3.2	*	0.0	6.2	*	0.0	8.7	*
Transient Cerebral Ischemia.....	1	0.0	1.3	*	0.0	2.8	*	0.0	4.3	*
Stroke.....	1	0.0	19.4	*	0.0	27.9	*	0.0	34.0	*
Hip Fracture.....	0									
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	32	12.5	8.8	*	18.8	13.6	*	21.9	17.8	*
CONDITIONS:										
Acute Myocardial Infarction.....	0									
Congestive Heart Failure.....	3	0.0	14.4	*	0.0	22.9	*	0.0	30.0	*
Pneumonia/Influenza.....	3	33.3	18.1	*	66.7	24.8	*	66.7	29.4	*
Chronic Obstructive Pulmonary Disease.....	5	20.0	3.4	*	20.0	6.9	*	20.0	10.1	*
Transient Cerebral Ischemia.....	2	0.0	1.6	*	0.0	3.4	*	0.0	5.1	*
Stroke.....	2	0.0	19.1	*	0.0	25.0	*	0.0	30.0	*
Hip Fracture.....	1	100.0	6.7	*	100.0	12.5	*	100.0	16.4	*
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

ST ANTHONY HOSPITAL2220 Canterbury Rd
Hays, KS 67601

Medicare Provider Number: 170003

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	802	8.2	6.8	1.5	11.8	11.2	1.6	15.7	14.7	1.5
CONDITIONS:										
Acute Myocardial Infarction.....	19	26.3	21.4	*	31.6	24.9	*	36.8	28.1	*
Congestive Heart Failure.....	33	21.2	14.3	*	27.3	23.1	*	33.3	29.8	*
Pneumonia/Influenza.....	38	10.5	14.0	*	13.2	19.7	*	15.8	24.1	*
Chronic Obstructive Pulmonary Disease.....	10	10.0	6.3	*	20.0	12.8	*	20.0	18.5	*
Transient Cerebral Ischemia.....	30	0.0	1.5	*	0.0	3.3	*	0.0	5.2	*
Stroke.....	23	13.0	18.3	*	30.4	24.8	*	30.4	29.3	*
Hip Fracture.....	36	8.3	4.3	*	11.1	8.0	*	13.9	10.8	*
Sepsis.....	4	25.0	25.2	*	25.0	32.0	*	25.0	39.2	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	7	0.0	3.0	*	0.0	5.1	*	14.3	6.8	*
Carotid Endarterectomy.....	5	0.0	1.1	*	0.0	1.9	*	0.0	2.9	*
Hip Replacement/Reconstruction.....	17	5.9	2.8	*	5.9	5.8	*	5.9	8.3	*
Open Reduction of Hip Fracture.....	16	6.3	3.4	*	12.5	6.5	*	12.5	8.6	*
Prostatectomy.....	62	1.6	0.6	1.4	3.2	1.6	1.8	3.2	2.7	2.6
Cholecystectomy.....	12	8.3	1.7	*	8.3	3.1	*	8.3	3.8	*
Hysterectomy.....	12	0.0	0.2	*	0.0	0.5	*	0.0	0.7	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS ****SOURCE:** Health Care Financing Administration (OSCAR) - 1989

Total Beds..... 99
Ownership/Control..... Church

STAFFING:

Medical Residents/Interns..... 0
Registered Nurses..... 99
Licensed Practical Nurses..... 27

SPECIALTY SERVICES:

Burn Unit..... No
Coronary Care Unit..... Yes
Hospice..... Yes
Intensive Care Unit..... Yes
Organ Transplant..... No
Rehabilitation..... No
Shock Trauma..... No

** Not used in calculating hospital mortality rates.

ST ANTHONY HOSPITAL
Medicare Provider Number: 170003

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	849	6.1	6.3	1.0	10.1	10.2	1.1	13.0	13.4	1.4
CONDITIONS:										
Acute Myocardial Infarction.....	17	41.2	25.0	*	41.2	28.2	*	41.2	31.6	*
Congestive Heart Failure.....	22	4.5	13.5	*	9.1	21.2	*	9.1	27.9	*
Pneumonia/Influenza.....	31	16.1	16.9	*	19.4	23.5	*	29.0	28.8	*
Chronic Obstructive Pulmonary Disease.....	10	0.0	6.9	*	10.0	11.3	*	20.0	15.2	*
Transient Cerebral Ischemia.....	23	0.0	1.4	*	0.0	3.1	*	0.0	5.1	*
Stroke.....	16	18.8	20.5	*	25.0	28.1	*	25.0	33.4	*
Hip Fracture.....	27	7.4	5.1	*	11.1	9.5	*	14.8	12.5	*
Sepsis.....	12	50.0	26.6	*	50.0	33.5	*	50.0	40.5	*
PROCEDURE:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	6	16.7	9.8	*	16.7	15.0	*	16.7	18.7	*
Carotid Endarterectomy.....	6	0.0	1.5	*	0.0	2.8	*	0.0	4.2	*
Hip Replacement/Reconstruction.....	9	11.1	1.8	*	11.1	3.6	*	11.1	4.9	*
Open Reduction of Hip Fracture.....	15	13.3	4.9	*	20.0	9.2	*	26.7	12.1	*
Prostatectomy.....	65	0.0	0.7	1.2	0.0	1.7	2.3	1.5	2.9	2.4
Cholecystectomy.....	13	0.0	2.1	*	0.0	3.9	*	0.0	5.1	*
Hysterectomy.....	5	0.0	0.1	*	0.0	0.2	*	0.0	0.3	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	790	6.7	6.7	1.0	11.0	11.0	1.1	13.8	14.6	1.4
CONDITIONS:										
Acute Myocardial Infarction.....	17	29.4	22.5	*	29.4	26.4	*	35.3	29.6	*
Congestive Heart Failure.....	23	13.0	15.6	*	17.4	24.6	*	17.4	31.9	*
Pneumonia/Influenza.....	38	18.4	15.7	*	18.4	22.1	*	23.7	27.0	*
Chronic Obstructive Pulmonary Disease.....	8	0.0	8.8	*	0.0	14.8	*	0.0	19.6	*
Transient Cerebral Ischemia.....	21	4.8	1.7	*	4.8	3.8	*	4.8	6.0	*
Stroke.....	15	13.3	17.1	*	20.0	24.6	*	20.0	29.5	*
Hip Fracture.....	24	16.7	5.2	*	20.8	9.7	*	25.0	12.7	*
Sepsis.....	5	20.0	27.3	*	20.0	32.0	*	20.0	37.1	*
PROCEDURES:										
Angioplasty.....	1	0.0	2.3	*	0.0	3.9	*	0.0	5.1	*
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	1	0.0	6.5	*	0.0	13.1	*	100.0	20.2	*
Carotid Endarterectomy.....	13	0.0	2.1	*	0.0	4.4	*	0.0	6.8	*
Hip Replacement/Reconstruction.....	2	0.0	0.9	*	0.0	1.5	*	0.0	2.0	*
Open Reduction of Hip Fracture.....	9	11.1	3.4	*	11.1	6.9	*	11.1	9.5	*
Prostatectomy.....	64	0.0	0.9	1.4	1.6	2.1	2.3	1.6	3.6	3.5
Cholecystectomy.....	4	0.0	1.2	*	0.0	2.4	*	0.0	3.4	*
Hysterectomy.....	4	0.0	0.5	*	0.0	1.2	*	0.0	1.8	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

ST CATHERINE HOSPITAL

4th & Walnut
Garden City, KS 67846

Medicare Provider Number: 170023

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	793	6.9	8.1	1.6	12.5	12.5	2.0	15.8	16.1	1.5
CONDITIONS:										
Acute Myocardial Infarction.....	21	38.1	26.9	*	42.9	30.2	*	42.9	33.6	*
Congestive Heart Failure.....	33	6.1	14.7	*	12.1	22.7	*	12.1	29.3	*
Pneumonia/Influenza.....	43	11.6	15.5	*	16.3	21.4	*	18.6	25.5	*
Chronic Obstructive Pulmonary Disease.....	13	7.7	6.0	*	15.4	11.2	*	23.1	16.2	*
Transient Cerebral Ischemia.....	7	0.0	2.4	*	28.6	5.2	*	28.6	8.3	*
Stroke.....	23	30.4	21.9	*	34.8	28.7	*	39.1	33.1	*
Hip Fracture.....	34	0.0	7.0	*	11.8	12.3	*	14.7	15.7	*
Sepsis.....	6	0.0	15.4	*	33.3	22.3	*	33.3	28.4	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	15	6.7	3.6	*	6.7	6.5	*	13.3	9.1	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	21	0.0	4.5	*	4.8	8.3	*	4.8	10.8	*
Open Reduction of Hip Fracture.....	21	0.0	5.8	*	14.3	10.5	*	19.0	13.7	*
Prostatectomy.....	50	2.0	0.7	*	4.0	1.8	*	6.0	3.1	*
Cholecystectomy.....	24	0.0	3.1	*	4.2	5.9	*	4.2	7.9	*
Hysterectomy.....	13	0.0	0.4	*	0.0	0.8	*	0.0	1.1	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 99
Occupancy Rate..... 65
Ownership/Control..... Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 35
Percent of Physicians Board Certified Specialists..... 74
Medical Residents/Interns..... 1
Registered Nurses..... 70
Licensed Practical Nurses..... 7

SPECIALTY SERVICES:

Burn Unit..... No
Cardiac Intensive Care..... No
Comprehensive Geriatric..... No
Hospice Care..... No
Medical/Surgical Intensive Care..... Yes
Organ/Tissue Transplant..... Yes
Other Intensive Care..... No
Rehabilitation Unit..... No
Trauma Center..... No

** Not used in calculating hospital mortality rates.

ST CATHERINE HOSPITAL

Medicare Provider Number: 170023

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	798	8.0	8.6	1.3	13.9	13.2	1.8	16.2	16.9	1.5
CONDITIONS:										
Acute Myocardial Infarction.....	14	42.9	31.1	*	42.9	34.2	*	42.9	37.5	*
Congestive Heart Failure.....	44	13.6	15.7	*	25.0	24.1	*	27.3	30.8	*
Pneumonia/Influenza.....	34	8.8	15.2	*	14.7	20.9	*	14.7	25.3	*
Chronic Obstructive Pulmonary Disease.....	6	0.0	12.9	*	0.0	23.0	*	0.0	30.4	*
Transient Cerebral Ischemia.....	6	33.3	4.1	*	50.0	9.3	*	50.0	14.6	*
Stroke.....	31	22.6	23.0	*	41.9	30.0	*	45.2	35.0	*
Hip Fracture.....	30	6.7	7.4	*	13.3	13.5	*	13.3	17.3	*
Sepsis.....	7	14.3	20.7	*	14.3	26.6	*	14.3	31.9	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	13	7.7	4.9	*	7.7	8.1	*	7.7	11.3	*
Carotid Endarterectomy.....	1	0.0	2.2	*	0.0	4.6	*	0.0	6.2	*
Hip Replacement/Reconstruction.....	16	0.0	2.0	*	0.0	3.8	*	0.0	4.9	*
Open Reduction of Hip Fracture.....	22	4.5	6.7	*	13.6	12.9	*	13.6	16.9	*
Prostatectomy.....	50	2.0	1.1	*	4.0	2.2	*	4.0	3.6	*
Cholecystectomy.....	24	4.2	1.2	*	4.2	2.4	*	8.3	3.5	*
Hysterectomy.....	9	0.0	0.3	*	0.0	0.6	*	0.0	1.0	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	717	7.9	8.4	1.6	11.7	13.0	2.3	15.2	16.7	2.4
CONDITIONS:										
Acute Myocardial Infarction.....	15	20.0	33.1	*	20.0	36.0	*	26.7	39.5	*
Congestive Heart Failure.....	45	11.1	17.8	*	24.4	27.0	*	24.4	34.3	*
Pneumonia/Influenza.....	34	5.9	14.5	*	14.7	20.0	*	23.5	24.2	*
Chronic Obstructive Pulmonary Disease.....	7	14.3	7.4	*	14.3	14.2	*	14.3	19.8	*
Transient Cerebral Ischemia.....	10	0.0	1.9	*	0.0	4.2	*	10.0	6.7	*
Stroke.....	15	33.3	16.8	*	40.0	23.0	*	40.0	27.3	*
Hip Fracture.....	32	6.3	6.1	*	15.6	11.1	*	15.6	14.3	*
Sepsis.....	9	11.1	20.3	*	22.2	28.6	*	22.2	33.7	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	12	8.3	2.5	*	8.3	5.2	*	8.3	7.8	*
Carotid Endarterectomy.....	2	0.0	1.3	*	0.0	2.6	*	0.0	3.8	*
Hip Replacement/Reconstruction.....	16	6.3	4.7	*	12.5	9.0	*	12.5	11.9	*
Open Reduction of Hip Fracture.....	17	5.9	5.1	*	17.6	9.6	*	17.6	12.6	*
Prostatectomy.....	45	0.0	0.6	*	2.2	1.3	*	6.7	2.3	*
Cholecystectomy.....	25	4.0	1.5	*	4.0	2.8	*	4.0	3.9	*
Hysterectomy.....	13	0.0	0.5	*	0.0	1.0	*	7.7	1.6	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

ST FRANCIS HOSPITAL & MEDICAL CENTER

1700 W 7th St

Topeka, KS 66606

Medicare Provider Number: 170016

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	3,118	8.8	8.9	0.5	13.9	13.7	0.9	17.1	17.5	0.8
CONDITIONS:										
Acute Myocardial Infarction.....	121	21.5	26.5	5.4	28.1	29.7	6.8	29.8	32.9	5.2
Congestive Heart Failure.....	105	19.0	14.5	6.2	31.4	22.2	8.1	35.2	28.8	8.7
Pneumonia/Influenza.....	99	21.2	16.0	5.8	33.3	22.3	7.6	36.4	27.0	7.0
Chronic Obstructive Pulmonary Disease.....	32	3.1	9.6	*	9.4	15.8	*	15.6	21.1	*
Transient Cerebral Ischemia.....	38	2.6	1.8	*	2.6	3.9	*	2.6	6.1	*
Stroke.....	86	30.2	22.4	6.4	33.7	28.9	6.0	37.2	33.3	6.0
Hip Fracture.....	111	7.2	6.9	2.8	9.9	12.2	3.9	15.3	15.7	3.5
Sepsis.....	35	11.4	26.2	*	22.9	34.0	*	28.6	40.7	*
PROCEDURES:										
Angioplasty.....	96	5.2	3.9	2.4	8.3	4.9	3.1	8.3	6.1	3.0
Coronary Artery Bypass Graft.....	49	4.1	5.1	*	18.4	7.1	*	18.4	8.5	*
Initial Pacemaker Insertion.....	25	0.0	3.0	*	0.0	5.8	*	4.0	8.5	*
Carotid Endarterectomy.....	26	3.8	1.9	*	7.7	3.7	*	7.7	5.5	*
Hip Replacement/Reconstruction.....	105	4.8	2.8	2.4	4.8	5.3	3.1	7.6	7.2	3.4
Open Reduction of Hip Fracture.....	43	2.3	6.2	*	7.0	11.6	*	11.6	15.1	*
Prostatectomy.....	132	1.5	1.3	1.1	3.0	3.2	2.3	3.0	5.3	3.7
Cholecystectomy.....	76	1.3	3.0	3.1	3.9	5.3	3.4	6.6	6.9	2.9
Hysterectomy.....	35	0.0	0.9	*	0.0	2.0	*	5.7	3.1	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 308
 Occupancy Rate..... 67
 Ownership/Control..... Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 284
 Percent of Physicians Board Certified Specialists..... 73
 Medical Residents/Interns..... 0
 Registered Nurses..... 327
 Licensed Practical Nurses..... 69

SPECIALTY SERVICES:

Burn Unit..... No
 Cardiac Intensive Care..... Yes
 Comprehensive Geriatric..... No
 Hospice Care..... No
 Medical/Surgical Intensive Care..... Yes
 Organ/Tissue Transplant..... No
 Other Intensive Care..... No
 Rehabilitation Unit..... Yes
 Trauma Center..... No

** Not used in calculating hospital mortality rates.

ST FRANCIS HOSPITAL & MEDICAL CENTER

Medicare Provider Number: 170016

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	2,606	9.4	9.2	0.7	14.5	14.3	0.7	18.2	18.2	0.8
CONDITIONS:										
Acute Myocardial Infarction.....	74	32.4	27.2	7.5	37.8	30.8	7.5	40.5	34.4	8.8
Congestive Heart Failure.....	102	19.6	17.1	4.1	27.5	25.9	4.8	31.4	33.0	4.9
Pneumonia/Influenza.....	83	26.5	17.0	7.3	32.5	23.1	7.7	37.3	27.8	7.8
Chronic Obstructive Pulmonary Disease.....	34	8.8	8.9	*	8.8	15.1	*	17.6	20.4	*
Transient Cerebral Ischemia.....	20	0.0	1.9	*	5.0	3.8	*	5.0	5.9	*
Stroke.....	71	18.3	21.5	5.9	25.4	28.0	7.5	28.2	32.6	8.6
Hip Fracture.....	97	11.3	7.2	4.5	15.5	13.0	5.1	18.6	16.8	5.0
Sepsis.....	18	27.8	26.0	*	38.9	34.5	*	44.4	40.8	*
PROCEDURES:										
Angioplasty.....	61	8.2	7.3	4.5	13.1	8.7	6.0	13.1	10.2	4.6
Coronary Artery Bypass Graft.....	74	5.4	5.1	2.8	9.5	7.6	3.8	9.5	9.3	4.5
Initial Pacemaker Insertion.....	5	0.0	13.2	*	20.0	18.8	*	40.0	23.6	*
Carotid Endarterectomy.....	20	5.0	1.8	*	5.0	3.6	*	5.0	5.3	*
Hip Replacement/Reconstruction.....	76	1.3	3.1	2.4	2.6	5.9	3.9	3.9	7.8	4.6
Open Reduction of Hip Fracture.....	37	13.5	6.1	*	16.2	11.7	*	21.6	15.5	*
Prostatectomy.....	116	0.0	1.4	1.5	2.6	3.2	2.4	2.6	5.0	3.1
Cholecystectomy.....	53	1.9	5.1	5.1	7.5	9.5	6.0	11.3	12.7	4.8
Hysterectomy.....	26	0.0	1.7	*	3.8	3.5	*	7.7	5.2	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	2,496	9.2	8.3	1.0	14.1	12.8	1.4	17.3	16.4	1.6
CONDITIONS:										
Acute Myocardial Infarction.....	77	29.9	25.9	7.6	35.1	29.4	8.0	37.7	32.9	8.8
Congestive Heart Failure.....	99	21.2	15.9	4.5	28.3	23.7	5.0	29.3	30.4	4.7
Pneumonia/Influenza.....	83	22.9	19.3	7.4	33.7	26.5	7.8	37.3	31.9	7.8
Chronic Obstructive Pulmonary Disease.....	26	11.5	8.1	*	11.5	13.7	*	30.8	18.5	*
Transient Cerebral Ischemia.....	28	3.6	2.0	*	7.1	4.2	*	7.1	6.6	*
Stroke.....	56	19.6	26.0	9.0	35.7	32.8	10.6	39.3	37.6	6.6
Hip Fracture.....	92	1.1	6.2	3.3	3.3	11.8	4.8	7.6	15.7	5.1
Sepsis.....	26	38.5	26.6	*	53.8	35.7	*	61.5	42.3	*
PROCEDURES:										
Angioplasty.....	67	3.0	4.3	2.6	4.5	5.4	3.1	4.5	6.8	3.5
Coronary Artery Bypass Graft.....	55	20.0	5.7	5.2	20.0	8.0	5.3	20.0	9.2	5.6
Initial Pacemaker Insertion.....	23	0.0	4.0	*	4.3	7.5	*	4.3	10.3	*
Carotid Endarterectomy.....	45	0.0	1.7	*	0.0	3.4	*	2.2	5.0	*
Hip Replacement/Reconstruction.....	83	0.0	2.4	2.9	1.2	4.8	4.2	3.6	6.6	3.9
Open Reduction of Hip Fracture.....	31	0.0	7.0	*	6.5	13.6	*	12.9	18.3	*
Prostatectomy.....	109	0.9	1.2	1.3	1.8	2.9	3.0	5.5	4.9	3.7
Cholecystectomy.....	37	2.7	3.8	*	5.4	6.8	*	5.4	8.9	*
Hysterectomy.....	18	0.0	0.6	*	0.0	1.3	*	0.0	1.9	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

ST. FRANCIS HOSPITAL AND MEDICAL CENTER

January 15, 1991

ATTENTION: Mrs. Sandra Kappert
Health Standards and Quality Bureau
Health Care Financing Administration
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Ladies and Gentlemen:

I am writing this letter in response to your request for comments on release of the most recent set of mortality data. In the past, officials of St. Francis Hospital and Medical Center have done detailed reviews of each of the data components provided by your office. We have variously found deaths described in the data that did not occur, occurred beyond the 30-day definition described in the data, patients reported by you did not exist as patients in our files, and deaths that occurred within the defined parameters which were not reported by your data sets. These kinds of errors continue.

Additionally, St. Francis Hospital and Medical Center has one of--if not the-highest Medicare acuity index in the state of Kansas. Over 40 percent of the patients admitted to the Hospital come from outside Shawnee County seeking care not available in their local communities. Since the institution is at the extreme of acuity of approximately 160 acute facilities in the state of Kansas, it is expected that the morbidity and mortality of our patients is similarly at the extreme of what one might expect in a Kansas institution.

In addition to the national comparisons possible by the mortality data, St. Francis Hospital chooses to participate

Health Care Financing Administration
Mrs. Sandra Kappert
page 2

voluntarily in the Maryland Quality Assurance project. Within that context, we find that the Hospital is consistently well within the expected ranges of a much broader set of quality indicators than provided by the mortality data. We constantly seek to improve the quality of our services to maintain a leadership position. In spite of the inaccuracies inherent in your data, we are satisfied that our "ranking" by your data set confirms the success of our efforts.

Sincerely,



Ingo Angermeier
Executive Vice President

rlr

ST FRANCIS REGIONAL MEDICAL CENTER

929 N St Francis Ave
Wichita, KS 67214

Medicare Provider Number: 170122

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	4,996	8.9	8.5	0.5	13.1	13.1	0.6	16.1	16.8	0.6
CONDITIONS:										
Acute Myocardial Infarction.....	185	18.9	24.5	3.4	19.5	27.9	3.9	20.0	31.4	4.4
Congestive Heart Failure.....	229	17.5	15.0	3.3	22.3	23.6	3.5	31.9	30.6	3.2
Pneumonia/Influenza.....	157	16.6	15.0	3.3	21.0	20.9	3.6	25.5	25.3	3.5
Chronic Obstructive Pulmonary Disease.....	34	2.9	10.9	*	11.8	17.0	*	20.6	22.3	*
Transient Cerebral Ischemia.....	46	0.0	1.9	*	2.2	4.3	*	2.2	6.9	*
Stroke.....	123	16.3	20.8	5.3	28.5	28.0	4.1	33.3	32.6	4.7
Hip Fracture.....	112	7.1	6.2	2.8	17.0	11.4	5.6	17.9	14.9	5.8
Sepsis.....	66	36.4	30.5	7.5	43.9	39.6	6.8	50.0	47.2	6.6
PROCEDURES:										
Angioplasty.....	264	3.0	3.1	1.1	3.4	4.3	1.5	5.3	5.5	1.5
Coronary Artery Bypass Graft.....	298	6.7	5.0	1.6	8.1	7.5	1.7	8.4	9.1	1.8
Initial Pacemaker Insertion.....	92	0.0	2.4	2.3	2.2	5.1	3.6	3.3	7.9	5.2
Carotid Endarterectomy.....	69	0.0	1.8	*	1.4	3.4	*	1.4	5.1	*
Hip Replacement/Reconstruction.....	129	2.3	2.4	1.4	4.7	4.6	2.0	6.2	6.2	2.8
Open Reduction of Hip Fracture.....	60	6.7	5.4	4.3	20.0	10.4	7.5	20.0	13.9	7.8
Prostatectomy.....	131	0.8	1.5	1.3	2.3	3.7	2.6	3.8	6.3	4.0
Cholecystectomy.....	78	3.8	3.6	2.1	5.1	6.7	3.1	5.1	9.0	4.5
Hysterectomy.....	23	0.0	0.6	*	0.0	1.3	*	0.0	2.1	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 605
Occupancy Rate..... 70
Ownership/Control..... Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 351
Percent of Physicians Board Certified Specialists..... 75
Medical Residents/Interns..... 0
Registered Nurses..... 543
Licensed Practical Nurses..... 111

SPECIALTY SERVICES:

Burn Unit..... Yes
Cardiac Intensive Care..... Yes
Comprehensive Geriatric..... Yes
Hospice Care..... No
Medical/Surgical Intensive Care..... Yes
Organ/Tissue Transplant..... Yes
Other Intensive Care..... No
Rehabilitation Unit..... No
Trauma Center..... Yes

** Not used in calculating hospital mortality rates.

ST FRANCIS REGIONAL MEDICAL CENTER

Medicare Provider Number: 170122

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	5,048	8.9	8.5	0.5	13.2	13.1	0.6	16.0	16.8	0.6
CONDITIONS:										
Acute Myocardial Infarction.....	154	21.4	26.1	4.3	24.7	29.6	4.6	26.0	33.2	5.6
Congestive Heart Failure.....	228	18.0	15.4	3.6	24.6	23.6	3.0	30.7	30.3	3.1
Pneumonia/Influenza.....	103	13.6	14.4	3.6	19.4	20.5	4.8	23.3	25.0	4.7
Chronic Obstructive Pulmonary Disease.....	40	10.0	7.4	*	17.5	11.8	*	22.5	15.8	*
Transient Cerebral Ischemia.....	46	2.2	2.0	*	4.3	4.3	*	8.7	6.8	*
Stroke.....	158	28.5	22.6	6.1	37.3	29.6	7.1	40.5	34.5	6.6
Hip Fracture.....	126	10.3	6.9	3.9	18.3	12.6	5.1	19.0	16.2	5.0
Sepsis.....	67	19.4	25.6	10.1	34.3	33.5	9.7	38.8	39.7	7.0
PROCEDURES:										
Angioplasty.....	243	4.5	3.8	1.4	6.6	5.0	2.0	7.8	6.2	2.8
Coronary Artery Bypass Graft.....	261	5.4	5.7	1.5	6.1	8.1	2.0	6.5	9.5	2.4
Initial Pacemaker Insertion.....	86	5.8	3.8	2.8	7.0	7.0	2.8	9.3	10.0	3.4
Carotid Endarterectomy.....	84	3.6	1.8	2.1	4.8	3.6	2.3	6.0	5.4	2.5
Hip Replacement/Reconstruction.....	138	2.2	2.6	1.6	5.8	5.1	2.2	7.2	7.0	2.2
Open Reduction of Hip Fracture.....	73	13.7	6.1	4.5	20.5	11.6	5.3	20.5	15.2	5.9
Prostatectomy.....	114	2.6	1.7	1.7	6.1	4.1	2.1	7.0	6.6	2.5
Cholecystectomy.....	63	7.9	4.0	4.1	9.5	7.6	4.2	9.5	10.3	4.9
Hysterectomy.....	28	3.6	1.6	*	3.6	3.3	*	7.1	4.8	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	4,887	7.5	8.1	0.6	12.0	12.8	0.8	15.4	16.4	0.8
CONDITIONS:										
Acute Myocardial Infarction.....	158	29.7	25.9	6.1	34.2	29.4	6.3	36.1	32.9	6.3
Congestive Heart Failure.....	211	17.5	15.4	3.6	26.1	23.7	4.3	34.1	30.8	4.8
Pneumonia/Influenza.....	123	15.4	15.0	3.8	22.8	21.3	3.9	25.2	25.9	4.1
Chronic Obstructive Pulmonary Disease.....	26	0.0	4.5	*	0.0	9.2	*	0.0	13.5	*
Transient Cerebral Ischemia.....	37	2.7	2.4	*	8.1	5.2	*	13.5	8.2	*
Stroke.....	145	17.2	21.8	5.0	24.8	29.1	4.7	28.3	33.9	5.4
Hip Fracture.....	139	7.2	7.2	4.1	13.7	13.2	4.6	17.3	17.2	3.5
Sepsis.....	43	14.0	27.8	*	25.6	37.5	*	30.2	44.3	*
PROCEDURES:										
Angioplasty.....	190	8.4	4.1	2.2	10.0	5.2	2.7	13.2	6.4	3.0
Coronary Artery Bypass Graft.....	216	7.4	5.4	2.6	9.7	7.6	3.4	10.2	8.9	3.6
Initial Pacemaker Insertion.....	95	2.1	2.5	1.7	5.3	5.3	2.3	5.3	8.0	3.7
Carotid Endarterectomy.....	86	0.0	1.8	2.1	1.2	3.5	2.5	1.2	5.0	3.4
Hip Replacement/Reconstruction.....	111	2.7	3.3	1.7	7.2	6.2	2.9	8.1	8.4	3.2
Open Reduction of Hip Fracture.....	86	7.0	6.2	4.8	11.6	12.1	4.7	16.3	16.1	4.1
Prostatectomy.....	127	0.8	1.0	1.1	2.4	2.3	2.0	5.5	4.0	2.8
Cholecystectomy.....	76	1.3	2.7	2.5	2.6	5.0	3.9	3.9	6.7	4.8
Hysterectomy.....	26	0.0	0.6	*	0.0	1.1	*	0.0	1.6	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

ST JOHN HOSPITAL3500 S 4th
Leavenworth, KS 66048

Medicare Provider Number: 170009

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	505	8.5	9.7	1.9	14.1	14.8	2.1	17.8	18.7	2.1
CONDITIONS:										
Acute Myocardial Infarction.....	19	26.3	28.2	*	26.3	31.4	*	31.6	35.0	*
Congestive Heart Failure.....	21	23.8	14.9	*	33.3	23.9	*	47.6	31.2	*
Pneumonia/Influenza.....	43	7.0	15.5	*	14.0	21.6	*	16.3	25.9	*
Chronic Obstructive Pulmonary Disease.....	14	7.1	9.3	*	14.3	17.2	*	14.3	24.1	*
Transient Cerebral Ischemia.....	5	0.0	1.6	*	0.0	3.8	*	20.0	6.2	*
Stroke.....	14	14.3	20.5	*	28.6	26.5	*	28.6	31.1	*
Hip Fracture.....	11	0.0	5.4	*	9.1	10.0	*	9.1	13.2	*
Sepsis.....	7	28.6	22.9	*	28.6	32.1	*	28.6	37.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	1	0.0	3.7	*	0.0	6.4	*	0.0	9.0	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	9	11.1	7.2	*	22.2	13.3	*	33.3	17.7	*
Open Reduction of Hip Fracture.....	4	0.0	5.1	*	0.0	9.9	*	0.0	13.3	*
Prostatectomy.....	27	0.0	0.8	*	7.4	2.0	*	11.1	3.4	*
Cholecystectomy.....	13	7.7	6.8	*	7.7	12.8	*	7.7	16.4	*
Hysterectomy.....	5	0.0	0.4	*	0.0	0.7	*	0.0	0.9	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS ****SOURCE:** American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 76
 Occupancy Rate..... 50
 Ownership/Control..... Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 43
 Percent of Physicians Board Certified Specialists..... 70
 Medical Residents/Interns..... 0
 Registered Nurses..... 57
 Licensed Practical Nurses..... 6

SPECIALTY SERVICES:

Burn Unit..... No
 Cardiac Intensive Care..... No
 Comprehensive Geriatric..... No
 Hospice Care..... No
 Medical/Surgical Intensive Care..... Yes
 Organ/Tissue Transplant..... No
 Other Intensive Care..... No
 Rehabilitation Unit..... No
 Trauma Center..... No

** Not used in calculating hospital mortality rates.

ST JOHN HOSPITAL
Medicare Provider Number: 170009

493

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	418	8.9	8.5	1.8	14.1	13.3	1.8	18.2	17.1	2.0
CONDITIONS:										
Acute Myocardial Infarction.....	8	12.5	24.5	*	12.5	27.5	*	12.5	30.9	*
Congestive Heart Failure.....	19	21.1	14.0	*	31.6	21.5	*	31.6	28.0	*
Pneumonia/Influenza.....	43	16.3	18.0	*	16.3	24.8	*	25.6	29.7	*
Chronic Obstructive Pulmonary Disease.....	10	10.0	8.6	*	10.0	14.2	*	10.0	19.0	*
Transient Cerebral Ischemia.....	2	50.0	1.3	*	50.0	2.8	*	50.0	4.5	*
Stroke.....	7	28.6	16.1	*	42.9	21.9	*	42.9	26.0	*
Hip Fracture.....	15	6.7	5.9	*	13.3	10.8	*	20.0	14.2	*
Sepsis.....	9	0.0	30.8	*	22.2	40.4	*	33.3	46.5	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	3	0.0	3.9	*	0.0	7.5	*	0.0	10.0	*
Open Reduction of Hip Fracture.....	11	9.1	5.1	*	18.2	10.0	*	27.3	13.6	*
Prostatectomy.....	5	0.0	0.6	*	0.0	1.4	*	0.0	2.4	*
Cholecystectomy.....	11	0.0	2.7	*	9.1	4.9	*	9.1	6.5	*
Hysterectomy.....	6	0.0	0.8	*	0.0	1.8	*	0.0	3.0	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	351	12.8	9.0	2.2	16.0	13.3	2.3	20.2	17.1	2.4
CONDITIONS:										
Acute Myocardial Infarction.....	12	50.0	29.3	*	50.0	32.2	*	50.0	35.7	*
Congestive Heart Failure.....	27	18.5	15.5	*	29.6	24.2	*	37.0	31.8	*
Pneumonia/Influenza.....	31	16.1	15.8	*	19.4	21.3	*	29.0	25.6	*
Chronic Obstructive Pulmonary Disease.....	3	0.0	7.7	*	66.7	14.4	*	66.7	20.1	*
Transient Cerebral Ischemia.....	2	0.0	2.4	*	0.0	5.1	*	0.0	8.2	*
Stroke.....	10	10.0	17.6	*	10.0	25.1	*	10.0	30.1	*
Hip Fracture.....	16	18.8	5.1	*	18.8	9.1	*	25.0	12.1	*
Sepsis.....	6	0.0	17.5	*	16.7	25.7	*	16.7	31.2	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	1	0.0	3.7	*	0.0	6.8	*	0.0	9.3	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	8	0.0	3.2	*	0.0	6.3	*	0.0	8.5	*
Open Reduction of Hip Fracture.....	9	22.2	4.9	*	22.2	8.9	*	33.3	11.7	*
Prostatectomy.....	13	0.0	0.8	*	0.0	1.8	*	0.0	3.0	*
Cholecystectomy.....	9	0.0	1.0	*	0.0	1.7	*	0.0	2.3	*
Hysterectomy.....	4	0.0	0.4	*	0.0	0.7	*	0.0	1.0	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

ST JOHN PRIMARY CARE HOSPITAL

609 E 1st St
Saint John, KS 67576

Medicare Provider Number: 170125

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	58	6.9	8.0	5.3	13.8	13.1	6.8	15.5	17.5	5.3
CONDITIONS:										
Acute Myocardial Infarction.....	1	0.0	24.6	*	0.0	27.9	*	0.0	32.6	*
Congestive Heart Failure.....	6	0.0	13.6	*	0.0	21.2	*	0.0	27.7	*
Pneumonia/Influenza.....	7	0.0	10.9	*	0.0	15.0	*	0.0	18.7	*
Chronic Obstructive Pulmonary Disease.....	4	25.0	10.7	*	25.0	19.0	*	25.0	25.0	*
Transient Cerebral Ischemia.....	2	0.0	4.5	*	0.0	10.0	*	50.0	15.6	*
Stroke.....	0									
Hip Fracture.....	0									
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 34
Occupancy Rate..... 44
Ownership/Control..... District/Authority

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 3
Percent of Physicians Board Certified Specialists..... (Not Available)
Medical Residents/Interns..... 0
Registered Nurses..... 1
Licensed Practical Nurses..... 0

SPECIALTY SERVICES:

Burn Unit..... No
Cardiac Intensive Care..... No
Comprehensive Geriatric..... No
Hospice Care..... No
Medical/Surgical Intensive Care..... No
Organ/Tissue Transplant..... No
Other Intensive Care..... No
Rehabilitation Unit..... No
Trauma Center..... No

** Not used in calculating hospital mortality rates.

ST JOHN PRIMARY CARE HOSPITAL

Medicare Provider Number: 170125

495

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	73	17.8	14.4	4.7	21.9	19.7	4.9	26.0	24.1	5.3
CONDITIONS:										
Acute Myocardial Infarction.....	3	33.3	36.0	*	33.3	41.5	*	33.3	47.2	*
Congestive Heart Failure.....	2	100.0	34.2	*	100.0	42.9	*	100.0	50.7	*
Pneumonia/Influenza.....	17	17.6	17.1	*	17.6	23.3	*	17.6	28.0	*
Chronic Obstructive Pulmonary Disease.....	0									
Transient Cerebral Ischemia.....	2	0.0	2.8	*	0.0	6.0	*	100.0	9.2	*
Stroke.....	1	0.0	11.4	*	0.0	15.1	*	0.0	18.4	*
Hip Fracture.....	0									
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	72	11.1	10.3	4.0	12.5	15.5	5.8	16.7	20.1	7.3
CONDITIONS:										
Acute Myocardial Infarction.....	1	100.0	27.7	*	100.0	31.1	*	100.0	35.8	*
Congestive Heart Failure.....	6	0.0	18.0	*	0.0	28.4	*	33.3	36.7	*
Pneumonia/Influenza.....	17	11.8	16.9	*	17.6	23.1	*	17.6	28.1	*
Chronic Obstructive Pulmonary Disease.....	0									
Transient Cerebral Ischemia.....	2	0.0	3.5	*	0.0	8.8	*	0.0	14.8	*
Stroke.....	2	100.0	18.6	*	100.0	25.3	*	100.0	30.1	*
Hip Fracture.....	0									
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

ST JOHNS HOSPITAL139 N Penn St
Salina, KS 67401

Medicare Provider Number: 170011

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	884	6.3	6.7	1.4	9.8	10.5	1.8	12.8	13.6	1.6
CONDITIONS:										
Acute Myocardial Infarction.....	26	19.2	29.0	*	23.1	32.7	*	23.1	36.4	*
Congestive Heart Failure.....	27	11.1	15.9	*	18.5	25.5	*	25.9	33.1	*
Pneumonia/Influenza.....	36	19.4	15.1	*	22.2	20.7	*	22.2	24.9	*
Chronic Obstructive Pulmonary Disease.....	12	16.7	5.5	*	16.7	9.8	*	16.7	13.5	*
Transient Cerebral Ischemia.....	5	0.0	1.5	*	0.0	3.2	*	40.0	5.1	*
Stroke.....	13	15.4	21.9	*	30.8	29.8	*	38.5	34.6	*
Hip Fracture.....	37	8.1	6.5	*	8.1	11.6	*	21.6	15.0	*
Sepsis.....	3	0.0	32.0	*	0.0	38.0	*	0.0	44.1	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	10	0.0	2.3	*	10.0	4.8	*	10.0	7.2	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	46	2.2	3.2	*	2.2	6.0	*	10.9	8.1	*
Open Reduction of Hip Fracture.....	17	5.9	5.4	*	5.9	10.1	*	23.5	13.3	*
Prostatectomy.....	43	0.0	0.8	*	2.3	1.9	*	7.0	3.2	*
Cholecystectomy.....	28	7.1	2.4	*	7.1	3.8	*	10.7	4.7	*
Hysterectomy.....	12	8.3	0.8	*	8.3	1.8	*	8.3	2.8	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 176
Occupancy Rate..... 48
Ownership/Control..... Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 87
Percent of Physicians Board Certified Specialists..... 82
Medical Residents/Interns..... 0
Registered Nurses..... 102
Licensed Practical Nurses..... 13

SPECIALTY SERVICES:

Burn Unit..... No
Cardiac Intensive Care..... No
Comprehensive Geriatric..... No
Hospice Care..... Yes
Medical/Surgical Intensive Care..... Yes
Organ/Tissue Transplant..... No
Other Intensive Care..... No
Rehabilitation Unit..... No
Trauma Center..... No

** Not used in calculating hospital mortality rates.

ST JOHNS HOSPITAL
Medicare Provider Number: 170011

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,002	6.3	6.9	1.3	10.4	11.2	1.3	14.2	14.6	1.2
CONDITIONS:										
Acute Myocardial Infarction.....	17	47.1	32.6	*	52.9	36.1	*	52.9	40.0	*
Congestive Heart Failure.....	24	4.2	15.3	*	12.5	23.7	*	20.8	30.8	*
Pneumonia/Influenza.....	39	10.3	15.9	*	23.1	21.5	*	28.2	26.0	*
Chronic Obstructive Pulmonary Disease.....	8	0.0	5.3	*	0.0	10.0	*	0.0	14.1	*
Transient Cerebral Ischemia.....	12	0.0	2.0	*	0.0	4.4	*	0.0	7.0	*
Stroke.....	31	16.1	22.2	*	29.0	30.3	*	32.3	35.3	*
Hip Fracture.....	46	4.3	6.2	*	8.7	11.2	*	13.0	14.3	*
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	11	0.0	3.8	*	9.1	6.0	*	18.2	8.2	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	48	2.1	3.1	*	4.2	5.9	*	6.3	8.2	*
Open Reduction of Hip Fracture.....	22	4.5	5.7	*	9.1	10.9	*	9.1	14.5	*
Prostatectomy.....	50	0.0	1.4	*	0.0	3.3	*	2.0	5.3	*
Cholecystectomy.....	33	3.0	2.5	*	3.0	4.9	*	3.0	6.9	*
Hysterectomy.....	11	9.1	1.2	*	9.1	2.8	*	9.1	4.7	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,088	7.5	6.8	1.0	10.4	10.5	1.0	13.5	13.5	1.1
CONDITIONS:										
Acute Myocardial Infarction.....	35	28.6	33.4	*	31.4	36.8	*	37.1	40.3	*
Congestive Heart Failure.....	28	17.9	15.1	*	21.4	22.8	*	21.4	29.5	*
Pneumonia/Influenza.....	22	27.3	24.0	*	31.8	31.8	*	36.4	37.6	*
Chronic Obstructive Pulmonary Disease.....	5	20.0	12.1	*	40.0	18.5	*	40.0	23.5	*
Transient Cerebral Ischemia.....	8	0.0	2.2	*	0.0	4.6	*	0.0	7.2	*
Stroke.....	17	35.3	27.4	*	41.2	37.0	*	41.2	42.3	*
Hip Fracture.....	66	9.1	6.6	3.5	10.6	11.5	4.1	15.2	14.8	4.4
Sepsis.....	4	25.0	21.3	*	25.0	29.1	*	25.0	34.6	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	11	18.2	7.3	*	18.2	12.0	*	18.2	15.5	*
Carotid Endarterectomy.....	1	0.0	2.2	*	0.0	4.3	*	0.0	6.6	*
Hip Replacement/Reconstruction.....	53	1.9	3.8	3.1	5.7	6.8	3.7	5.7	8.8	4.3
Open Reduction of Hip Fracture.....	23	4.3	5.8	*	4.3	10.7	*	8.7	14.0	*
Prostatectomy.....	48	0.0	0.8	*	0.0	1.8	*	0.0	3.0	*
Cholecystectomy.....	17	0.0	2.5	*	5.9	4.4	*	11.8	5.7	*
Hysterectomy.....	11	0.0	0.7	*	0.0	1.7	*	0.0	2.9	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

ST JOSEPH HOSPITAL1100 Highland Dr
Concordia, KS 66901

Medicare Provider Number: 170095

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	508	10.8	12.0	1.7	17.7	17.9	1.7	21.1	22.5	2.3
CONDITIONS:										
Acute Myocardial Infarction.....	16	18.8	25.0	*	18.8	28.2	*	18.8	31.5	*
Congestive Heart Failure.....	31	19.4	19.3	*	29.0	29.2	*	38.7	36.8	*
Pneumonia/Influenza.....	43	11.6	19.0	*	23.3	25.4	*	27.9	30.1	*
Chronic Obstructive Pulmonary Disease.....	6	0.0	4.3	*	0.0	8.8	*	16.7	13.2	*
Transient Cerebral Ischemia.....	10	0.0	1.8	*	0.0	4.0	*	0.0	6.3	*
Stroke.....	12	16.7	18.4	*	16.7	24.8	*	16.7	28.8	*
Hip Fracture.....	5	0.0	9.2	*	0.0	15.4	*	0.0	19.2	*
Sepsis.....	7	28.6	32.4	*	28.6	40.3	*	28.6	47.1	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	3	0.0	5.8	*	0.0	11.5	*	0.0	16.5	*
Carotid Endarterectomy.....	1	0.0	1.7	*	100.0	3.3	*	100.0	5.0	*
Hip Replacement/Reconstruction.....	3	0.0	21.4	*	33.3	31.5	*	33.3	38.5	*
Open Reduction of Hip Fracture.....	2	0.0	8.1	*	0.0	13.3	*	0.0	16.1	*
Prostatectomy.....	27	0.0	0.7	*	0.0	1.6	*	0.0	2.7	*
Cholecystectomy.....	10	10.0	5.3	*	20.0	10.1	*	20.0	13.0	*
Hysterectomy.....	1	100.0	1.4	*	100.0	3.1	*	100.0	4.5	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 53
Occupancy Rate..... 60
Ownership/Control..... Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 14
Percent of Physicians Board Certified Specialists..... 71
Medical Residents/Interns..... 0
Registered Nurses..... 57
Licensed Practical Nurses..... 16

SPECIALTY SERVICES:

Burn Unit..... No
Cardiac Intensive Care..... No
Comprehensive Geriatric..... No
Hospice Care..... No
Medical/Surgical Intensive Care..... Yes
Organ/Tissue Transplant..... No
Other Intensive Care..... No
Rehabilitation Unit..... No
Trauma Center..... No

** Not used in calculating hospital mortality rates.

ST JOSEPH HOSPITAL
Medicare Provider Number: 170095

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	452	14.2	12.9	1.8	18.4	18.4	1.8	20.6	22.6	2.1
CONDITIONS:										
Acute Myocardial Infarction.....	10	70.0	38.6	*	70.0	41.8	*	70.0	45.4	*
Congestive Heart Failure.....	28	25.0	24.5	*	28.6	35.4	*	28.6	43.4	*
Pneumonia/Influenza.....	34	29.4	22.0	*	44.1	28.8	*	47.1	33.8	*
Chronic Obstructive Pulmonary Disease.....	9	11.1	5.5	*	22.2	10.1	*	33.3	14.1	*
Transient Cerebral Ischemia.....	12	0.0	1.9	*	8.3	4.3	*	8.3	6.7	*
Stroke.....	24	25.0	21.2	*	29.2	28.9	*	29.2	33.6	*
Hip Fracture.....	8	12.5	9.1	*	12.5	16.4	*	12.5	20.7	*
Sepsis.....	1	0.0	27.9	*	0.0	32.7	*	0.0	38.8	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	5	0.0	6.2	*	0.0	12.1	*	0.0	16.2	*
Prostatectomy.....	18	0.0	0.5	*	5.6	1.2	*	5.6	1.9	*
Cholecystectomy.....	5	0.0	0.8	*	0.0	1.6	*	0.0	2.2	*
Hysterectomy.....	1	0.0	2.3	*	0.0	6.3	*	0.0	11.1	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	575	11.5	11.9	1.9	17.0	17.6	2.2	20.7	21.7	2.4
CONDITIONS:										
Acute Myocardial Infarction.....	17	41.2	33.5	*	41.2	37.3	*	41.2	41.0	*
Congestive Heart Failure.....	33	9.1	21.8	*	15.2	31.7	*	27.3	39.1	*
Pneumonia/Influenza.....	42	21.4	20.4	*	26.2	27.2	*	33.3	31.9	*
Chronic Obstructive Pulmonary Disease.....	3	0.0	5.9	*	0.0	9.4	*	0.0	12.3	*
Transient Cerebral Ischemia.....	20	5.0	2.0	*	15.0	4.5	*	15.0	7.3	*
Stroke.....	37	35.1	25.3	*	43.2	33.6	*	54.1	38.5	*
Hip Fracture.....	6	0.0	7.7	*	0.0	13.3	*	0.0	16.8	*
Sepsis.....	5	0.0	24.8	*	0.0	30.2	*	20.0	35.3	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	2	0.0	6.6	*	0.0	11.7	*	0.0	14.7	*
Prostatectomy.....	25	0.0	0.6	*	0.0	1.4	*	0.0	2.4	*
Cholecystectomy.....	12	0.0	5.8	*	0.0	10.3	*	8.3	13.1	*
Hysterectomy.....	3	0.0	1.4	*	0.0	3.1	*	0.0	4.5	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

ST JOSEPH MEDICAL CENTER

3600 E Harry
Wichita, KS 67218

Medicare Provider Number: 170087

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,999	8.4	8.3	0.6	12.7	12.9	0.7	16.0	16.5	1.0
CONDITIONS:										
Acute Myocardial Infarction.....	71	25.4	30.6	7.7	31.0	33.9	7.1	33.8	37.3	7.5
Congestive Heart Failure.....	173	12.7	15.5	3.7	24.3	24.0	3.4	30.6	31.1	3.7
Pneumonia/Influenza.....	132	15.2	16.2	4.2	20.5	22.0	4.0	25.0	26.6	4.1
Chronic Obstructive Pulmonary Disease.....	59	6.8	10.0	5.2	18.6	16.6	5.2	20.3	22.4	6.1
Transient Cerebral Ischemia.....	48	2.1	1.8	*	2.1	3.9	*	6.3	6.2	*
Stroke.....	79	24.1	19.7	7.9	30.4	26.0	8.5	34.2	30.2	7.1
Hip Fracture.....	80	7.5	6.4	3.4	12.5	11.5	3.7	12.5	15.1	4.6
Sepsis.....	19	21.1	31.0	*	26.3	39.7	*	26.3	46.4	*
PROCEDURES:										
Angioplasty.....	42	2.4	2.7	*	4.8	3.9	*	4.8	5.1	*
Coronary Artery Bypass Graft.....	42	2.4	5.3	*	4.8	7.3	*	7.1	8.7	*
Initial Pacemaker Insertion.....	27	3.7	2.4	*	3.7	4.8	*	3.7	7.1	*
Carotid Endarterectomy.....	40	2.5	1.5	*	2.5	2.8	*	5.0	4.2	*
Hip Replacement/Reconstruction.....	50	2.0	3.1	*	4.0	6.2	*	8.0	8.5	*
Open Reduction of Hip Fracture.....	47	4.3	5.9	*	10.6	10.9	*	10.6	14.3	*
Prostatectomy.....	68	0.0	1.1	1.6	0.0	2.6	2.9	1.5	4.4	3.4
Cholecystectomy.....	53	7.5	3.4	4.2	11.3	6.2	6.2	13.2	8.0	8.3
Hysterectomy.....	25	0.0	0.8	*	0.0	1.5	*	0.0	2.2	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 498
Occupancy Rate..... 70
Ownership/Control..... Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 256
Percent of Physicians Board Certified Specialists..... 80
Medical Residents/Interns..... 0
Registered Nurses..... 492
Licensed Practical Nurses..... 84

SPECIALTY SERVICES:

Burn Unit..... No
Cardiac Intensive Care..... Yes
Comprehensive Geriatric..... Yes
Hospice Care..... No
Medical/Surgical Intensive Care..... Yes
Organ/Tissue Transplant..... No
Other Intensive Care..... No
Rehabilitation Unit..... Yes
Trauma Center..... Yes

** Not used in calculating hospital mortality rates.

ST JOSEPH MEDICAL CENTER

Medicare Provider Number: 170087

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	2,994	8.4	8.4	0.6	12.7	12.9	0.6	16.0	16.5	0.8
CONDITIONS:										
Acute Myocardial Infarction.....	72	22.2	30.1	9.4	27.8	33.1	9.0	29.2	36.4	8.8
Congestive Heart Failure.....	192	13.5	17.1	3.1	17.2	25.9	4.1	24.5	33.0	4.4
Pneumonia/Influenza.....	122	14.8	16.9	4.1	23.0	22.9	5.5	27.0	27.6	4.1
Chronic Obstructive Pulmonary Disease.....	47	4.3	7.7	*	12.8	13.1	*	14.9	17.9	*
Transient Cerebral Ischemia.....	49	0.0	1.9	*	0.0	4.0	*	4.1	6.1	*
Stroke.....	79	22.8	21.0	4.8	30.4	27.8	6.0	36.7	32.4	8.1
Hip Fracture.....	73	5.5	6.4	4.9	6.8	11.3	6.0	11.0	14.4	5.7
Sepsis.....	26	38.5	23.1	*	42.3	31.8	*	50.0	37.9	*
PROCEDURES:										
Angioplasty.....	37	0.0	4.0	*	0.0	5.0	*	0.0	6.0	*
Coronary Artery Bypass Graft.....	33	6.1	5.0	*	9.1	6.8	*	9.1	8.0	*
Initial Pacemaker Insertion.....	21	0.0	4.9	*	9.5	9.2	*	9.5	12.7	*
Carotid Endarterectomy.....	40	2.5	1.9	*	5.0	3.8	*	12.5	5.5	*
Hip Replacement/Reconstruction.....	51	0.0	3.3	3.9	0.0	6.5	6.4	3.9	8.7	5.5
Open Reduction of Hip Fracture.....	32	6.3	5.3	*	6.3	9.8	*	9.4	12.7	*
Prostatectomy.....	81	2.5	0.9	1.7	3.7	2.2	2.3	3.7	3.7	2.9
Cholecystectomy.....	56	1.8	2.3	2.5	3.6	3.9	2.9	5.4	5.0	3.0
Hysterectomy.....	29	0.0	0.8	*	0.0	1.7	*	0.0	2.8	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	2,896	7.7	8.5	0.8	12.1	13.0	0.9	15.5	16.7	1.2
CONDITIONS:										
Acute Myocardial Infarction.....	77	27.3	29.9	5.7	32.5	32.9	5.9	33.8	36.1	6.9
Congestive Heart Failure.....	170	13.5	16.8	4.7	21.8	24.9	5.3	27.6	31.7	6.6
Pneumonia/Influenza.....	118	16.1	15.1	3.8	19.5	20.8	4.0	25.4	25.4	4.2
Chronic Obstructive Pulmonary Disease.....	41	14.6	11.1	*	14.6	18.7	*	19.5	24.6	*
Transient Cerebral Ischemia.....	45	2.2	1.9	*	4.4	4.2	*	6.7	6.6	*
Stroke.....	107	16.8	20.0	4.1	20.6	26.7	5.3	22.4	31.2	6.5
Hip Fracture.....	78	3.8	6.8	3.3	9.0	12.1	5.2	11.5	15.6	5.1
Sepsis.....	33	21.2	24.5	*	30.3	33.1	*	33.3	39.1	*
PROCEDURES:										
Angioplasty.....	23	13.0	5.2	*	13.0	6.1	*	13.0	7.3	*
Coronary Artery Bypass Graft.....	37	8.1	5.9	*	10.8	8.5	*	13.5	10.1	*
Initial Pacemaker Insertion.....	31	0.0	3.8	*	3.2	7.9	*	9.7	11.6	*
Carotid Endarterectomy.....	50	0.0	1.7	*	0.0	3.3	*	4.0	4.9	*
Hip Replacement/Reconstruction.....	52	3.8	4.1	4.7	9.6	7.4	3.9	11.5	9.7	4.7
Open Reduction of Hip Fracture.....	42	2.4	5.7	*	7.1	10.8	*	7.1	14.2	*
Prostatectomy.....	80	0.0	0.8	1.7	3.8	2.0	2.3	6.3	3.5	4.1
Cholecystectomy.....	45	4.4	3.5	*	11.1	5.7	*	11.1	7.2	*
Hysterectomy.....	27	0.0	0.5	*	0.0	0.9	*	0.0	1.4	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

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St. Joseph Medical Center

3600 East Harry/Wichita, Kansas 67218/(316) 685-1111

January 11, 1991

Health Care Finance Administration
Health Standard and Quality Bureau
Attention: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Mrs. Kappert:

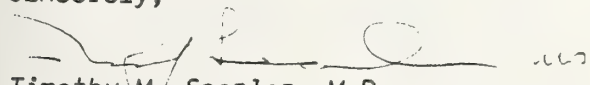
We have received and reviewed our FY 89 Medicare Hospital Mortality Rate information, and in several categories reviewed the specific cases that were counted to generate this data. As a result of reviewing and discussing the data provided in this HCFA report, we would like to respond in regards to your methodology.

Our first concern relates to data generated under the major category heading of "PROCEDURES". It is apparent, at least from a review of our own data and case studies, that the procedures used are not always primary procedures. This has resulted in cases being categorized under a specific procedure, e.g., cholecystectomy, when this procedure was clearly not the primary surgical procedure performed. This also resulted in patients being categorized as mortalities under "PROCEDURES" completely unrelated to their cause of death. Some died of severe concurrent disease or comorbidities, or of unrelated medical or surgical problems. We believe that better methods will need to be used to accurately reflect procedural mortality data.

Our second concern is related, and again apparent from case review. Causes of death are often noted to be unrelated to the diagnosis stated and even occurred during subsequent hospitalizations for other reasons. The current HCFA methodology, therefore, attributes mortality to unrelated diagnoses or procedures. Accurate data will require improved methodology to track actual cause of death.

Our third concern is in regard to this statistical report. When hospital mortality rates are compared with HCFA point estimates, they may seem to be out of line when they are, in fact, within acceptable limits of normal variance. Since interpretation of these data in terms of their meaning and significance is left entirely up to the reader, it would be helpful (and certainly fairer) to report confidence intervals to assist those with limited background in their interpretation of HCFA mortality data.

Sincerely,


Timothy M. Scanlan, M.D.
Vice President
Medical Affairs

TMS/gj

ST LUKE HOSPITAL

1014 E Melvin
Marion, KS 66861

Medicare Provider Number: 170025

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	238	12.2	10.1	2.5	17.2	14.8	3.0	21.8	18.4	4.2
CONDITIONS:										
Acute Myocardial Infarction.....	7	14.3	22.9	*	28.6	26.5	*	28.6	29.8	*
Congestive Heart Failure.....	9	22.2	15.2	*	33.3	23.3	*	33.3	30.3	*
Pneumonia/Influenza.....	17	5.9	14.8	*	5.9	20.3	*	11.8	24.8	*
Chronic Obstructive Pulmonary Disease.....	3	0.0	3.0	*	0.0	5.8	*	33.3	8.6	*
Transient Cerebral Ischemia.....	8	12.5	1.9	*	12.5	4.4	*	25.0	7.1	*
Stroke.....	10	20.0	17.6	*	30.0	24.8	*	30.0	29.1	*
Hip Fracture.....	9	0.0	4.9	*	0.0	8.9	*	0.0	11.7	*
Sepsis.....	9	22.2	30.6	*	33.3	38.3	*	44.4	45.0	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	2	0.0	0.9	*	0.0	1.7	*	0.0	2.4	*
Hip Replacement/Reconstruction.....	3	0.0	3.3	*	0.0	6.5	*	0.0	8.8	*
Open Reduction of Hip Fracture.....	6	0.0	4.9	*	0.0	9.2	*	0.0	12.2	*
Prostatectomy.....	3	0.0	0.4	*	0.0	0.7	*	0.0	1.3	*
Cholecystectomy.....	12	8.3	3.1	*	8.3	6.5	*	8.3	9.1	*
Hysterectomy.....	4	0.0	0.8	*	0.0	1.8	*	0.0	2.7	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 25
Occupancy Rate..... 36
Ownership/Control..... Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 4
Percent of Physicians Board Certified Specialists..... 75
Medical Residents/Interns..... 0
Registered Nurses..... 14
Licensed Practical Nurses..... 6

SPECIALTY SERVICES:

Burn Unit..... No
Cardiac Intensive Care..... No
Comprehensive Geriatric..... No
Hospice Care..... No
Medical/Surgical Intensive Care..... Yes
Organ/Tissue Transplant..... No
Other Intensive Care..... No
Rehabilitation Unit..... No
Trauma Center..... No

** Not used in calculating hospital mortality rates.

ST LUKE HOSPITAL
Medicare Provider Number: 170025

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	249	11.2	7.4	2.0	15.3	11.3	2.8	16.5	14.4	2.3
CONDITIONS:										
Acute Myocardial Infarction.....	5	40.0	34.3	*	40.0	37.8	*	60.0	41.1	*
Congestive Heart Failure.....	10	30.0	12.1	*	30.0	18.8	*	30.0	24.7	*
Pneumonia/Influenza.....	18	16.7	14.3	*	38.9	19.6	*	38.9	23.7	*
Chronic Obstructive Pulmonary Disease.....	7	14.3	4.2	*	14.3	9.4	*	14.3	14.4	*
Transient Cerebral Ischemia.....	8	0.0	1.7	*	12.5	3.7	*	12.5	5.9	*
Stroke.....	7	28.6	27.0	*	28.6	32.8	*	28.6	37.2	*
Hip Fracture.....	11	0.0	8.1	*	0.0	15.1	*	0.0	19.5	*
Sepsis.....	5	60.0	26.1	*	60.0	34.2	*	60.0	40.7	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	1	0.0	1.8	*	0.0	3.2	*	0.0	4.4	*
Hip Replacement/Reconstruction.....	8	0.0	7.3	*	0.0	14.3	*	0.0	18.8	*
Open Reduction of Hip Fracture.....	3	0.0	7.7	*	0.0	14.7	*	0.0	19.2	*
Prostatectomy.....	6	0.0	0.3	*	0.0	0.7	*	0.0	1.2	*
Cholecystectomy.....	9	0.0	1.4	*	0.0	2.7	*	0.0	3.6	*
Hysterectomy.....	5	0.0	0.6	*	0.0	1.1	*	0.0	1.4	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	217	12.9	8.8	3.1	18.0	13.1	2.9	20.7	16.7	2.8
CONDITIONS:										
Acute Myocardial Infarction.....	10	30.0	25.1	*	30.0	28.5	*	30.0	32.2	*
Congestive Heart Failure.....	14	50.0	16.9	*	57.1	25.6	*	57.1	32.4	*
Pneumonia/Influenza.....	16	25.0	13.7	*	25.0	19.2	*	25.0	23.9	*
Chronic Obstructive Pulmonary Disease.....	2	0.0	2.7	*	0.0	5.4	*	0.0	7.9	*
Transient Cerebral Ischemia.....	3	0.0	1.6	*	0.0	3.5	*	0.0	5.6	*
Stroke.....	10	50.0	24.5	*	50.0	30.9	*	60.0	35.3	*
Hip Fracture.....	14	7.1	5.7	*	14.3	11.0	*	21.4	15.0	*
Sepsis.....	3	33.3	25.8	*	33.3	31.8	*	33.3	36.9	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	1	0.0	1.9	*	0.0	4.1	*	0.0	6.5	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	9	11.1	4.5	*	22.2	9.0	*	22.2	12.3	*
Open Reduction of Hip Fracture.....	4	0.0	6.0	*	0.0	12.6	*	25.0	17.6	*
Prostatectomy.....	11	0.0	0.3	*	0.0	0.8	*	0.0	1.3	*
Cholecystectomy.....	11	9.1	2.6	*	9.1	5.4	*	9.1	7.7	*
Hysterectomy.....	5	0.0	0.3	*	0.0	0.5	*	0.0	0.7	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

ST LUKES HOSPITAL1323 North A Street
Wellington, KS 67152

Medicare Provider Number: 170039

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	306	8.2	8.1	1.6	13.7	12.4	2.4	18.0	15.8	3.3
CONDITIONS:										
Acute Myocardial Infarction.....	4	0.0	19.1	*	0.0	22.4	*	0.0	26.4	*
Congestive Heart Failure.....	9	33.3	13.2	*	44.4	20.6	*	55.6	26.7	*
Pneumonia/Influenza.....	15	6.7	14.4	*	13.3	20.6	*	20.0	25.1	*
Chronic Obstructive Pulmonary Disease.....	3	0.0	3.8	*	0.0	6.9	*	0.0	9.7	*
Transient Cerebral Ischemia.....	8	12.5	1.5	*	12.5	3.5	*	12.5	5.5	*
Stroke.....	25	12.0	15.8	*	28.0	22.6	*	28.0	26.8	*
Hip Fracture.....	16	6.3	4.0	*	6.3	7.6	*	18.8	10.2	*
Sepsis.....	5	40.0	23.7	*	60.0	30.7	*	60.0	37.3	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	6	0.0	3.0	*	0.0	6.0	*	0.0	8.4	*
Open Reduction of Hip Fracture.....	7	14.3	4.2	*	14.3	8.1	*	28.6	10.8	*
Prostatectomy.....	18	0.0	0.4	*	0.0	1.0	*	0.0	1.7	*
Cholecystectomy.....	3	0.0	0.7	*	0.0	1.2	*	0.0	1.6	*
Hysterectomy.....	1	0.0	0.2	*	0.0	0.3	*	0.0	0.5	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS ****SOURCE:** American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 80
 Occupancy Rate..... 35
 Ownership/Control..... Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 10
 Percent of Physicians Board Certified Specialists..... 50
 Medical Residents/Interns..... 0
 Registered Nurses..... 18
 Licensed Practical Nurses..... 4

SPECIALTY SERVICES:

Burn Unit..... No
 Cardiac Intensive Care..... No
 Comprehensive Geriatric..... No
 Hospice Care..... No
 Medical/Surgical Intensive Care..... Yes
 Organ/Tissue Transplant..... No
 Other Intensive Care..... No
 Rehabilitation Unit..... No
 Trauma Center..... No

** Not used in calculating hospital mortality rates.

ST LUKES HOSPITAL
Medicare Provider Number: 170039

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	378	8.2	7.8	1.4	12.4	12.0	1.7	17.2	15.3	2.1
CONDITIONS:										
Acute Myocardial Infarction.....	6	0.0	29.1	*	0.0	36.0	*	0.0	41.1	*
Congestive Heart Failure.....	11	9.1	17.9	*	18.2	27.8	*	27.3	35.0	*
Pneumonia/Influenza.....	15	13.3	15.1	*	13.3	20.8	*	26.7	25.5	*
Chronic Obstructive Pulmonary Disease.....	3	0.0	7.3	*	0.0	11.7	*	0.0	15.5	*
Transient Cerebral Ischemia.....	13	7.7	1.7	*	15.4	3.9	*	15.4	6.1	*
Stroke.....	16	18.8	19.8	*	31.3	27.6	*	50.0	32.7	*
Hip Fracture.....	9	0.0	2.7	*	0.0	5.6	*	0.0	7.9	*
Sepsis.....	7	0.0	13.3	*	14.3	18.4	*	28.6	23.2	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	5	0.0	1.8	*	0.0	3.7	*	0.0	5.2	*
Open Reduction of Hip Fracture.....	6	0.0	2.3	*	0.0	5.0	*	0.0	7.2	*
Prostatectomy.....	8	0.0	0.7	*	0.0	1.9	*	0.0	3.5	*
Cholecystectomy.....	6	0.0	3.7	*	0.0	8.4	*	0.0	12.5	*
Hysterectomy.....	3	0.0	0.3	*	0.0	0.6	*	0.0	0.8	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	384	10.4	7.5	1.8	14.1	11.8	2.0	17.7	15.2	2.1
CONDITIONS:										
Acute Myocardial Infarction.....	13	15.4	25.2	*	23.1	29.2	*	23.1	32.9	*
Congestive Heart Failure.....	16	25.0	14.9	*	31.3	23.5	*	31.3	30.5	*
Pneumonia/Influenza.....	13	7.7	10.2	*	7.7	14.8	*	7.7	18.6	*
Chronic Obstructive Pulmonary Disease.....	5	20.0	10.0	*	40.0	18.2	*	40.0	23.8	*
Transient Cerebral Ischemia.....	14	0.0	1.8	*	0.0	3.9	*	7.1	6.3	*
Stroke.....	23	30.4	18.8	*	39.1	26.9	*	43.5	31.7	*
Hip Fracture.....	14	0.0	3.9	*	0.0	7.9	*	0.0	11.0	*
Sepsis.....	4	50.0	17.3	*	50.0	23.8	*	50.0	29.2	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	4	0.0	2.9	*	0.0	5.9	*	0.0	8.1	*
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	17	0.0	0.5	*	0.0	1.3	*	0.0	2.3	*
Cholecystectomy.....	7	0.0	0.6	*	0.0	1.2	*	14.3	1.6	*
Hysterectomy.....	1	0.0	1.6	*	0.0	4.0	*	0.0	6.6	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

ST MARYS HEALTH CENTER OF EMPORIA

15th & State Sts

Emporia, KS 66801

Medicare Provider Number: 170007

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	331	9.4	7.2	1.9	14.5	11.3	2.1	17.2	14.7	2.3
CONDITIONS:										
Acute Myocardial Infarction.....	5	40.0	38.8	*	40.0	42.5	*	40.0	45.9	*
Congestive Heart Failure.....	22	9.1	15.9	*	27.3	24.2	*	36.4	30.9	*
Pneumonia/Influenza.....	22	4.5	13.7	*	9.1	19.6	*	9.1	23.9	*
Chronic Obstructive Pulmonary Disease.....	6	0.0	4.6	*	0.0	7.9	*	16.7	11.2	*
Transient Cerebral Ischemia.....	2	50.0	2.1	*	50.0	5.0	*	50.0	8.4	*
Stroke.....	6	50.0	24.4	*	50.0	31.3	*	50.0	36.1	*
Hip Fracture.....	13	15.4	5.2	*	15.4	9.9	*	15.4	13.1	*
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	3	0.0	2.4	*	0.0	4.9	*	0.0	7.4	*
Carotid Endarterectomy.....	4	0.0	1.3	*	0.0	2.5	*	0.0	3.6	*
Hip Replacement/Reconstruction.....	4	25.0	0.7	*	25.0	1.3	*	25.0	1.9	*
Open Reduction of Hip Fracture.....	8	12.5	5.5	*	12.5	10.7	*	12.5	14.2	*
Prostatectomy.....	2	0.0	0.6	*	0.0	1.7	*	0.0	3.1	*
Cholecystectomy.....	12	0.0	2.7	*	0.0	4.4	*	0.0	5.3	*
Hysterectomy.....	2	0.0	0.8	*	0.0	1.9	*	0.0	3.0	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 56
 Occupancy Rate..... 31
 Ownership/Control..... Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 33
 Percent of Physicians Board Certified Specialists..... 82
 Medical Residents/Interns..... 0
 Registered Nurses..... 34
 Licensed Practical Nurses..... 8

SPECIALTY SERVICES:

Burn Unit..... No
 Cardiac Intensive Care..... No
 Comprehensive Geriatric..... No
 Hospice Care..... No
 Medical/Surgical Intensive Care..... Yes
 Organ/Tissue Transplant..... No
 Other Intensive Care..... No
 Rehabilitation Unit..... No
 Trauma Center..... No

** Not used in calculating hospital mortality rates.

ST MARYS HEALTH CENTER OF EMPORIA

Medicare Provider Number: 170007

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	412	10.4	8.1	2.1	14.8	12.4	1.8	16.7	15.7	1.9
CONDITIONS:										
Acute Myocardial Infarction.....	3	66.7	31.4	*	66.7	36.7	*	66.7	41.3	*
Congestive Heart Failure.....	20	15.0	16.7	*	25.0	26.2	*	25.0	33.6	*
Pneumonia/Influenza.....	33	18.2	17.0	*	21.2	23.5	*	24.2	28.5	*
Chronic Obstructive Pulmonary Disease.....	7	14.3	7.8	*	14.3	12.8	*	14.3	17.2	*
Transient Cerebral Ischemia.....	6	0.0	2.4	*	0.0	5.1	*	16.7	7.9	*
Stroke.....	13	23.1	22.2	*	23.1	29.9	*	23.1	34.8	*
Hip Fracture.....	14	7.1	6.2	*	7.1	11.6	*	7.1	15.0	*
Sepsis.....	3	66.7	36.9	*	66.7	46.4	*	66.7	54.9	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	4	0.0	3.0	*	0.0	6.2	*	0.0	8.8	*
Carotid Endarterectomy.....	3	0.0	1.4	*	0.0	2.6	*	0.0	3.8	*
Hip Replacement/Reconstruction.....	11	0.0	1.2	*	0.0	2.4	*	0.0	3.4	*
Open Reduction of Hip Fracture.....	8	12.5	7.3	*	12.5	14.0	*	12.5	18.4	*
Prostatectomy.....	18	0.0	0.4	*	0.0	0.9	*	0.0	1.6	*
Cholecystectomy.....	8	0.0	1.1	*	25.0	2.3	*	25.0	3.1	*
Hysterectomy.....	4	0.0	1.2	*	0.0	2.5	*	0.0	3.8	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	414	9.7	8.4	1.6	15.0	12.4	2.2	18.1	15.7	2.2
CONDITIONS:										
Acute Myocardial Infarction.....	12	33.3	25.6	*	33.3	28.1	*	33.3	31.1	*
Congestive Heart Failure.....	25	20.0	19.2	*	36.0	27.0	*	44.0	33.4	*
Pneumonia/Influenza.....	22	22.7	18.6	*	36.4	25.8	*	36.4	31.5	*
Chronic Obstructive Pulmonary Disease.....	4	0.0	16.4	*	25.0	26.6	*	25.0	33.1	*
Transient Cerebral Ischemia.....	5	0.0	1.3	*	0.0	2.5	*	0.0	3.9	*
Stroke.....	13	7.7	19.7	*	15.4	27.2	*	23.1	32.0	*
Hip Fracture.....	11	9.1	7.3	*	18.2	13.8	*	18.2	18.0	*
Sepsis.....	5	40.0	35.5	*	60.0	44.5	*	60.0	51.1	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	2	0.0	6.5	*	0.0	12.9	*	50.0	17.5	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	8	12.5	4.3	*	25.0	8.2	*	25.0	10.6	*
Open Reduction of Hip Fracture.....	6	0.0	5.3	*	0.0	10.7	*	0.0	14.5	*
Prostatectomy.....	17	5.9	0.9	*	5.9	2.2	*	5.9	3.9	*
Cholecystectomy.....	6	0.0	1.6	*	0.0	3.3	*	0.0	5.1	*
Hysterectomy.....	4	0.0	0.6	*	0.0	1.3	*	0.0	2.0	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

ST MARYS HOSPITAL1823 College Ave
Manhattan, KS 66502

Medicare Provider Number: 170142

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	732	8.5	8.1	1.2	13.1	12.6	1.3	15.8	15.9	1.4
CONDITIONS:										
Acute Myocardial Infarction.....	19	36.8	32.4	*	36.8	36.5	*	36.8	40.2	*
Congestive Heart Failure.....	29	31.0	16.1	*	41.4	25.5	*	48.3	33.0	*
Pneumonia/Influenza.....	33	15.2	15.7	*	33.3	21.4	*	39.4	26.1	*
Chronic Obstructive Pulmonary Disease.....	11	0.0	4.3	*	0.0	8.3	*	0.0	12.0	*
Transient Cerebral Ischemia.....	15	0.0	2.0	*	6.7	4.7	*	13.3	7.7	*
Stroke.....	29	24.1	24.1	*	44.8	32.7	*	51.7	38.1	*
Hip Fracture.....	41	2.4	6.2	*	9.8	10.9	*	14.6	14.0	*
Sepsis.....	8	25.0	24.6	*	25.0	29.8	*	37.5	35.1	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	10	0.0	1.4	*	0.0	2.6	*	0.0	4.0	*
Hip Replacement/Reconstruction.....	36	0.0	3.8	*	5.6	6.8	*	5.6	9.1	*
Open Reduction of Hip Fracture.....	1	0.0	2.8	*	0.0	5.6	*	0.0	7.6	*
Prostatectomy.....	49	0.0	1.3	*	2.0	2.9	*	2.0	4.7	*
Cholecystectomy.....	13	0.0	2.0	*	0.0	3.4	*	0.0	4.6	*
Hysterectomy.....	20	0.0	0.7	*	0.0	1.2	*	0.0	1.7	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 85
Occupancy Rate..... 45
Ownership/Control..... Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 54
Percent of Physicians Board Certified Specialists..... 78
Medical Residents/Interns..... 0
Registered Nurses..... 86
Licensed Practical Nurses..... 12

SPECIALTY SERVICES:

Burn Unit..... No
Cardiac Intensive Care..... No
Comprehensive Geriatric..... No
Hospice Care..... No
Medical/Surgical Intensive Care..... Yes
Organ/Tissue Transplant..... No
Other Intensive Care..... No
Rehabilitation Unit..... No
Trauma Center..... No

** Not used in calculating hospital mortality rates.

ST MARYS HOSPITAL
Medicare Provider Number: 170142

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	734	9.7	7.8	1.9	13.6	12.1	1.8	16.5	15.4	1.7
CONDITIONS:										
Acute Myocardial Infarction.....	20	40.0	24.8	*	40.0	27.5	*	40.0	30.7	*
Congestive Heart Failure.....	36	36.1	16.6	*	38.9	25.7	*	52.8	33.1	*
Pneumonia/Influenza.....	31	16.1	16.6	*	19.4	22.5	*	22.6	27.1	*
Chronic Obstructive Pulmonary Disease.....	8	12.5	5.1	*	25.0	9.4	*	25.0	13.2	*
Transient Cerebral Ischemia.....	21	4.8	1.7	*	4.8	3.8	*	9.5	6.0	*
Stroke.....	37	21.6	20.0	*	32.4	27.2	*	37.8	31.9	*
Hip Fracture.....	54	5.6	8.1	4.0	9.3	14.2	6.0	13.0	18.0	6.5
Sepsis.....	4	50.0	32.0	*	50.0	40.5	*	50.0	46.7	*
PROCEDURES:										
Angioplasty.....	1	0.0	8.9	*	0.0	16.5	*	0.0	21.1	*
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	3	0.0	1.7	*	0.0	3.2	*	0.0	4.6	*
Hip Replacement/Reconstruction.....	32	3.1	4.1	*	6.3	7.5	*	9.4	9.9	*
Open Reduction of Hip Fracture.....	13	0.0	9.1	*	7.7	16.6	*	7.7	21.1	*
Prostatectomy.....	46	0.0	1.1	*	2.2	2.6	*	2.2	4.2	*
Cholecystectomy.....	13	0.0	2.2	*	0.0	3.9	*	0.0	5.1	*
Hysterectomy.....	16	0.0	0.7	*	0.0	1.5	*	0.0	2.0	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	706	8.6	7.5	1.4	11.8	11.5	1.2	14.4	14.8	1.4
CONDITIONS:										
Acute Myocardial Infarction.....	22	45.5	34.2	*	50.0	37.8	*	54.5	41.4	*
Congestive Heart Failure.....	31	16.1	13.9	*	29.0	21.6	*	32.3	28.2	*
Pneumonia/Influenza.....	36	27.8	19.8	*	30.6	26.2	*	36.1	31.1	*
Chronic Obstructive Pulmonary Disease.....	12	16.7	5.5	*	16.7	9.9	*	16.7	13.5	*
Transient Cerebral Ischemia.....	7	0.0	2.5	*	0.0	5.5	*	0.0	8.7	*
Stroke.....	19	26.3	15.9	*	26.3	22.6	*	26.3	27.1	*
Hip Fracture.....	52	7.7	7.0	3.6	9.6	12.4	5.5	17.3	15.9	6.1
Sepsis.....	5	20.0	24.1	*	20.0	31.5	*	20.0	37.3	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	1	0.0	1.6	*	0.0	3.1	*	0.0	4.6	*
Hip Replacement/Reconstruction.....	34	2.9	3.6	*	2.9	6.3	*	2.9	8.1	*
Open Reduction of Hip Fracture.....	14	7.1	5.0	*	14.3	9.7	*	14.3	12.9	*
Prostatectomy.....	33	0.0	1.7	*	0.0	4.2	*	3.0	7.1	*
Cholecystectomy.....	19	0.0	4.1	*	0.0	7.0	*	0.0	8.9	*
Hysterectomy.....	12	0.0	1.3	*	8.3	2.9	*	8.3	4.5	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

STANTON COUNTY HEALTH CARE FACILITY

404 North Chestnut
Johnson, KS 67855

Medicare Provider Number: 170117

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	38	7.9	7.1	*	7.9	10.8	*	7.9	13.7	*
CONDITIONS:										
Acute Myocardial Infarction.....	2	50.0	15.5	*	50.0	19.1	*	50.0	22.1	*
Congestive Heart Failure.....	1	0.0	15.5	*	0.0	22.1	*	0.0	28.3	*
Pneumonia/Influenza.....	8	25.0	13.3	*	25.0	19.4	*	25.0	23.8	*
Chronic Obstructive Pulmonary Disease.....	1	0.0	2.9	*	0.0	6.7	*	0.0	9.6	*
Transient Cerebral Ischemia.....	1	0.0	1.9	*	0.0	4.2	*	0.0	6.3	*
Stroke.....	0									
Hip Fracture.....	0									
Sepsis.....	1	0.0	27.0	*	0.0	32.4	*	0.0	39.2	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 46
Occupancy Rate..... 54
Ownership/Control..... Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 2
Percent of Physicians Board Certified Specialists..... (Not Available)
Medical Residents/Interns..... 0
Registered Nurses..... 4
Licensed Practical Nurses..... 2

SPECIALTY SERVICES:

Burn Unit..... No
Cardiac Intensive Care..... No
Comprehensive Geriatric..... Yes
Hospice Care..... No
Medical/Surgical Intensive Care..... No
Organ/Tissue Transplant..... No
Other Intensive Care..... No
Rehabilitation Unit..... No
Trauma Center..... No

** Not used in calculating hospital mortality rates.

STANTON COUNTY HEALTH CARE FACILITY

Medicare Provider Number: 170117

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	45	15.6	10.1	*	15.6	15.2	*	17.8	19.0	*
CONDITIONS:										
Acute Myocardial Infarction.....	1	100.0	21.8	*	100.0	24.6	*	100.0	27.8	*
Congestive Heart Failure.....	1	100.0	40.1	*	100.0	50.7	*	100.0	59.7	*
Pneumonia/Influenza.....	10	30.0	14.5	*	30.0	19.5	*	30.0	23.5	*
Chronic Obstructive Pulmonary Disease.....	0									
Transient Cerebral Ischemia.....	2	0.0	2.1	*	0.0	4.1	*	0.0	6.4	*
Stroke.....	0									
Hip Fracture.....	0									
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	23	8.7	11.2	*	8.7	16.5	*	13.0	20.7	*
CONDITIONS:										
Acute Myocardial Infarction.....	2	50.0	30.8	*	50.0	33.5	*	50.0	36.8	*
Congestive Heart Failure.....	1	0.0	13.7	*	0.0	20.4	*	0.0	26.5	*
Pneumonia/Influenza.....	1	0.0	7.9	*	0.0	11.3	*	0.0	14.2	*
Chronic Obstructive Pulmonary Disease.....	1	0.0	1.2	*	0.0	2.0	*	0.0	2.7	*
Transient Cerebral Ischemia.....	1	0.0	4.5	*	0.0	11.2	*	0.0	18.2	*
Stroke.....	0									
Hip Fracture.....	1	0.0	3.9	*	0.0	8.4	*	0.0	12.2	*
Sepsis.....	1	0.0	32.5	*	0.0	42.9	*	0.0	51.2	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	1	0.0	1.1	*	0.0	2.3	*	0.0	3.2	*
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

STEVENS COUNTY HOSPITAL

1006 S Jackson
Hugoton, KS 67951

Medicare Provider Number: 170089

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	99	12.1	10.6	3.2	13.1	15.2	4.1	19.2	18.7	4.0
CONDITIONS:										
Acute Myocardial Infarction.....	5	20.0	23.3	*	20.0	26.1	*	20.0	29.4	*
Congestive Heart Failure.....	10	20.0	14.1	*	20.0	23.3	*	30.0	30.5	*
Pneumonia/Influenza.....	7	14.3	16.2	*	14.3	22.8	*	28.6	27.6	*
Chronic Obstructive Pulmonary Disease.....	2	0.0	2.4	*	0.0	4.3	*	50.0	5.9	*
Transient Cerebral Ischemia.....	0									
Stroke.....	4	0.0	20.7	*	0.0	28.4	*	25.0	33.2	*
Hip Fracture.....	1	0.0	2.6	*	0.0	5.3	*	0.0	7.5	*
Sepsis.....	1	0.0	18.7	*	0.0	22.5	*	0.0	27.5	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	3	0.0	1.0	*	0.0	1.5	*	0.0	1.9	*
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 17
Occupancy Rate..... 24
Ownership/Control..... Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 3
Percent of Physicians Board Certified Specialists..... 67
Medical Residents/Interns..... 0
Registered Nurses..... 5
Licensed Practical Nurses..... 2

SPECIALTY SERVICES:

Burn Unit..... No
Cardiac Intensive Care..... No
Comprehensive Geriatric..... No
Hospice Care..... No
Medical/Surgical Intensive Care..... No
Organ/Tissue Transplant..... No
Other Intensive Care..... No
Rehabilitation Unit..... No
Trauma Center..... No

** Not used in calculating hospital mortality rates.

STEVENS COUNTY HOSPITAL

Medicare Provider Number: 170089

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	84	11.9	7.8	3.3	16.7	12.7	3.8	20.2	16.6	4.2
CONDITIONS:										
Acute Myocardial Infarction.....	2	0.0	26.3	*	0.0	29.0	*	0.0	32.8	*
Congestive Heart Failure.....	9	11.1	12.6	*	11.1	19.4	*	11.1	25.1	*
Pneumonia/Influenza.....	6	0.0	13.3	*	0.0	18.2	*	0.0	22.1	*
Chronic Obstructive Pulmonary Disease.....	3	0.0	4.4	*	0.0	9.2	*	0.0	12.8	*
Transient Cerebral Ischemia.....	4	0.0	1.9	*	0.0	4.0	*	25.0	6.3	*
Stroke.....	0									
Hip Fracture.....	1	0.0	5.8	*	0.0	11.5	*	0.0	15.4	*
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	2	0.0	0.5	*	0.0	0.9	*	0.0	1.2	*
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	69	4.3	5.9	3.8	14.5	9.7	5.3	15.9	13.0	5.0
CONDITIONS:										
Acute Myocardial Infarction.....	1	0.0	38.7	*	0.0	43.1	*	0.0	49.0	*
Congestive Heart Failure.....	4	0.0	15.5	*	25.0	25.0	*	25.0	33.0	*
Pneumonia/Influenza.....	1	0.0	10.5	*	0.0	14.3	*	0.0	18.1	*
Chronic Obstructive Pulmonary Disease.....	3	0.0	4.6	*	33.3	9.3	*	33.3	13.4	*
Transient Cerebral Ischemia.....	5	0.0	1.5	*	0.0	3.3	*	0.0	5.3	*
Stroke.....	3	66.7	17.5	*	66.7	23.5	*	66.7	27.9	*
Hip Fracture.....	0									
Sepsis.....	1	0.0	25.8	*	0.0	39.8	*	0.0	48.1	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	2	0.0	1.2	*	0.0	2.6	*	0.0	4.2	*
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

STORMONT VAIL REGIONAL MEDICAL CENTER

1500 SW 10th St
Topeka, KS 66604

Medicare Provider Number: 170086

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,830	7.3	9.3	0.7	11.3	14.0	0.8	14.2	17.7	0.8
CONDITIONS:										
Acute Myocardial Infarction.....	83	21.7	28.2	7.8	25.3	31.6	8.5	26.5	35.0	10.4
Congestive Heart Failure.....	146	11.0	15.9	4.7	21.9	24.3	5.5	30.8	31.2	3.9
Pneumonia/Influenza.....	78	14.1	18.2	4.7	20.5	24.2	5.0	28.2	29.0	5.7
Chronic Obstructive Pulmonary Disease.....	24	25.0	9.0	*	25.0	15.2	*	33.3	20.4	*
Transient Cerebral Ischemia.....	38	0.0	2.4	*	0.0	5.3	*	5.3	8.4	*
Stroke.....	90	11.1	20.6	6.8	18.9	27.0	7.5	24.4	31.4	6.1
Hip Fracture.....	125	10.4	8.2	3.3	17.6	14.4	4.9	20.0	18.3	4.1
Sepsis.....	22	22.7	29.0	*	31.8	36.2	*	36.4	42.5	*
PROCEDURES:										
Angioplasty.....	65	0.0	4.4	5.1	1.5	5.6	5.0	3.1	7.0	5.1
Coronary Artery Bypass Graft.....	65	4.6	5.1	3.9	6.2	7.6	4.3	6.2	9.2	4.6
Initial Pacemaker Insertion.....	32	3.1	4.8	*	6.3	9.0	*	6.3	12.9	*
Carotid Endarterectomy.....	17	0.0	1.7	*	0.0	3.0	*	0.0	4.4	*
Hip Replacement/Reconstruction.....	98	4.1	3.8	1.9	7.1	7.0	2.7	8.2	9.4	3.6
Open Reduction of Hip Fracture.....	61	16.4	7.6	6.1	21.3	13.9	7.0	23.0	17.9	7.2
Prostatectomy.....	100	1.0	1.8	1.6	2.0	4.1	3.0	3.0	6.7	4.4
Cholecystectomy.....	56	1.8	3.9	3.0	1.8	7.0	4.4	1.8	9.0	5.5
Hysterectomy.....	34	2.9	1.4	*	2.9	3.0	*	2.9	4.6	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 387
Occupancy Rate..... 70
Ownership/Control..... Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 231
Percent of Physicians Board Certified Specialists..... 71
Medical Residents/Interns..... 0
Registered Nurses..... 382
Licensed Practical Nurses..... 69

SPECIALTY SERVICES:

Burn Unit..... No
Cardiac Intensive Care..... Yes
Comprehensive Geriatric..... Yes
Hospice Care..... No
Medical/Surgical Intensive Care..... Yes
Organ/Tissue Transplant..... No
Other Intensive Care..... No
Rehabilitation Unit..... No
Trauma Center..... No

** Not used in calculating hospital mortality rates.

STORMONT VAIL REGIONAL MEDICAL CENTER

Medicare Provider Number: 170086

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	2,703	6.7	8.7	0.7	10.0	13.0	1.0	13.7	16.5	0.9
CONDITIONS:										
Acute Myocardial Infarction.....	75	16.0	29.6	7.1	18.7	32.8	7.3	20.0	36.2	8.0
Congestive Heart Failure.....	113	18.6	17.1	3.9	28.3	25.3	7.4	36.3	32.2	7.4
Pneumonia/Influenza.....	82	19.5	19.1	4.9	26.8	25.3	5.6	30.5	30.1	5.1
Chronic Obstructive Pulmonary Disease.....	29	0.0	11.6	*	3.4	18.5	*	10.3	24.3	*
Transient Cerebral Ischemia.....	40	0.0	2.2	*	0.0	4.6	*	2.5	7.1	*
Stroke.....	77	22.1	23.4	5.2	27.3	30.5	5.6	35.1	35.3	5.5
Hip Fracture.....	123	4.9	7.4	3.0	7.3	13.2	3.6	8.9	16.9	4.4
Sepsis.....	18	22.2	36.6	*	27.8	44.4	*	50.0	51.0	*
PROCEDURES:										
Angioplasty.....	68	1.5	3.1	3.3	1.5	4.2	3.8	1.5	5.4	4.4
Coronary Artery Bypass Graft.....	67	4.5	7.1	3.8	9.0	9.5	4.0	9.0	11.1	4.8
Initial Pacemaker Insertion.....	43	0.0	5.0	*	4.7	9.4	*	9.3	13.2	*
Carotid Endarterectomy.....	35	5.7	1.8	*	8.6	3.3	*	8.6	5.0	*
Hip Replacement/Reconstruction.....	95	4.2	3.4	1.9	4.2	6.4	2.6	5.3	8.3	3.0
Open Reduction of Hip Fracture.....	66	3.0	6.7	4.3	7.6	12.5	5.2	9.1	16.3	6.5
Prostatectomy.....	118	0.8	1.9	1.7	1.7	4.2	2.7	3.4	6.6	3.5
Cholecystectomy.....	65	1.5	3.2	2.7	3.1	5.4	3.4	6.2	6.9	3.2
Hysterectomy.....	40	0.0	1.3	*	0.0	2.6	*	0.0	3.7	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	2,787	7.3	8.3	0.7	11.8	12.6	0.8	14.6	16.1	0.9
CONDITIONS:										
Acute Myocardial Infarction.....	87	27.6	30.1	6.2	29.9	33.3	6.4	31.0	36.5	7.9
Congestive Heart Failure.....	111	16.2	17.7	4.3	27.0	26.5	5.7	34.2	33.6	4.7
Pneumonia/Influenza.....	79	19.0	16.2	7.7	29.1	22.0	7.0	30.4	26.6	5.6
Chronic Obstructive Pulmonary Disease.....	26	15.4	7.8	*	15.4	14.9	*	26.9	20.9	*
Transient Cerebral Ischemia.....	38	5.3	2.4	*	7.9	5.0	*	10.5	7.9	*
Stroke.....	118	11.9	22.0	5.5	18.6	28.9	6.0	25.4	33.6	5.5
Hip Fracture.....	116	6.0	7.5	2.8	12.9	13.7	3.5	16.4	17.7	3.9
Sepsis.....	20	15.0	24.9	*	20.0	32.6	*	25.0	38.7	*
PROCEDURES:										
Angioplasty.....	65	7.7	4.3	4.8	9.2	5.2	5.0	9.2	6.3	4.8
Coronary Artery Bypass Graft.....	64	10.9	6.6	4.7	15.6	9.0	5.2	15.6	10.3	5.5
Initial Pacemaker Insertion.....	26	3.8	3.8	*	11.5	8.1	*	19.2	12.0	*
Carotid Endarterectomy.....	34	0.0	2.1	*	0.0	4.1	*	0.0	6.0	*
Hip Replacement/Reconstruction.....	93	3.2	3.1	2.2	4.3	6.1	3.4	4.3	8.3	4.2
Open Reduction of Hip Fracture.....	73	5.5	6.8	3.2	15.1	13.2	4.3	19.2	17.5	5.2
Prostatectomy.....	123	0.0	1.6	1.6	2.4	4.0	2.0	4.9	6.6	3.2
Cholecystectomy.....	65	1.5	3.0	2.4	3.1	5.4	3.5	4.6	7.3	4.1
Hysterectomy.....	26	0.0	1.4	*	3.8	2.8	*	3.8	4.1	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

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Stormont-Vail

REGIONAL MEDICAL CENTER

January 15, 1991

Medicare Provider
Number: 170086

Health Care Financing Administration
Health Standards and Quality Bureau
Attention: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Mrs. Kappert:

After reviewing the FY 1989 Medicare Hospital Mortality Rates for Stormont-Vail Regional Medical Center, the following observations are made:

1. For each of the 3 years listed in the HCFA Mortality Statistics, Stormont-Vail is well below the predicted or expected mortality rates.
2. Every one of the hospital deaths (100%) was peer reviewed by physicians or screened by the Quality Review nurses at the Quality Review Committee meetings of the various departments.
3. Of the 566 deaths attributed to Stormont-Vail, only 154 (27%) actually died in the hospital. This is because HCFA Mortality Statistics include deaths 180 days from admission regardless of the cause of death.
4. The HCFA data reported in 1988 was computed for the calendar year. The 1989 data was reported as fiscal year. Therefore, the 1989 report reflects 3 months of the 1988 calendar year.
5. There were 8 reported patients that Stormont-Vail has no record of their hospitalization with the dates provided by HCFA.
6. A patient may appear in only one of eight medical diagnoses, but a patient may also appear again in one or more of the nine surgical procedures.

Thank you for the opportunity to respond to this study.

Sincerely,

Harold Fulgham
Vice President

SUSAN B ALLEN MEMORIAL HOSPITAL

720 W Central St
El Dorado, KS 67042

Medicare Provider Number: 170017

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	584	8.4	7.9	2.1	14.4	12.1	2.1	17.1	15.7	2.6
CONDITIONS:										
Acute Myocardial Infarction.....	13	30.8	29.6	*	38.5	32.7	*	38.5	36.4	*
Congestive Heart Failure.....	36	27.8	15.8	*	38.9	24.7	*	47.2	32.0	*
Pneumonia/Influenza.....	24	25.0	16.7	*	41.7	22.5	*	41.7	27.3	*
Chronic Obstructive Pulmonary Disease.....	6	0.0	9.2	*	16.7	16.0	*	16.7	22.1	*
Transient Cerebral Ischemia.....	6	0.0	2.3	*	0.0	5.2	*	0.0	8.4	*
Stroke.....	30	23.3	22.6	*	33.3	29.0	*	33.3	33.5	*
Hip Fracture.....	18	0.0	6.8	*	11.1	11.7	*	11.1	14.8	*
Sepsis.....	4	25.0	34.0	*	25.0	39.8	*	50.0	46.9	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	2	0.0	1.4	*	0.0	2.5	*	0.0	3.7	*
Hip Replacement/Reconstruction.....	22	0.0	2.9	*	9.1	5.0	*	9.1	6.6	*
Open Reduction of Hip Fracture.....	6	0.0	7.1	*	0.0	12.8	*	0.0	16.3	*
Prostatectomy.....	38	2.6	1.0	*	2.6	2.5	*	2.6	4.2	*
Cholecystectomy.....	12	0.0	3.4	*	8.3	6.5	*	8.3	8.6	*
Hysterectomy.....	9	0.0	0.5	*	0.0	0.9	*	0.0	1.3	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 76
Occupancy Rate..... 41
Ownership/Control..... Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 17
Percent of Physicians Board Certified Specialists..... 53
Medical Residents/Interns..... 0
Registered Nurses..... 39
Licensed Practical Nurses..... 11

SPECIALTY SERVICES:

Burn Unit..... No
Cardiac Intensive Care..... No
Comprehensive Geriatric..... No
Hospice Care..... No
Medical/Surgical Intensive Care..... Yes
Organ/Tissue Transplant..... No
Other Intensive Care..... No
Rehabilitation Unit..... No
Trauma Center..... No

** Not used in calculating hospital mortality rates.

SUSAN B ALLEN MEMORIAL HOSPITAL

Medicare Provider Number: 170017

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	579	12.4	9.9	1.6	15.9	14.8	1.6	18.8	18.5	1.6
CONDITIONS:										
Acute Myocardial Infarction.....	18	27.8	28.9	*	33.3	32.3	*	33.3	36.0	*
Congestive Heart Failure.....	23	30.4	16.3	*	39.1	24.5	*	43.5	31.0	*
Pneumonia/Influenza.....	29	20.7	24.3	*	27.6	32.8	*	34.5	38.9	*
Chronic Obstructive Pulmonary Disease.....	11	0.0	9.3	*	9.1	16.4	*	18.2	22.3	*
Transient Cerebral Ischemia.....	0									
Stroke.....	33	36.4	20.5	*	39.4	28.3	*	42.4	33.1	*
Hip Fracture.....	18	5.6	5.2	*	11.1	9.7	*	16.7	12.7	*
Sepsis.....	9	55.6	28.2	*	55.6	34.8	*	66.7	41.2	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	3	0.0	1.0	*	0.0	1.7	*	0.0	2.5	*
Hip Replacement/Reconstruction.....	22	4.5	4.1	*	13.6	7.6	*	13.6	9.8	*
Open Reduction of Hip Fracture.....	5	0.0	5.0	*	0.0	9.7	*	0.0	13.0	*
Prostatectomy.....	42	0.0	1.0	*	0.0	2.5	*	0.0	4.2	*
Cholecystectomy.....	9	0.0	1.3	*	0.0	2.2	*	0.0	2.9	*
Hysterectomy.....	9	11.1	2.8	*	11.1	5.4	*	22.2	8.1	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	658	8.4	7.6	1.3	12.5	11.8	1.5	14.7	15.3	1.5
CONDITIONS:										
Acute Myocardial Infarction.....	16	50.0	25.7	*	56.3	29.7	*	56.3	33.5	*
Congestive Heart Failure.....	24	8.3	15.7	*	37.5	24.3	*	41.7	31.5	*
Pneumonia/Influenza.....	22	31.8	16.5	*	31.8	22.3	*	36.4	27.4	*
Chronic Obstructive Pulmonary Disease.....	17	5.9	11.0	*	11.8	17.9	*	11.8	23.6	*
Transient Cerebral Ischemia.....	10	10.0	1.8	*	10.0	3.7	*	10.0	6.0	*
Stroke.....	35	17.1	19.7	*	20.0	28.0	*	22.9	33.3	*
Hip Fracture.....	15	0.0	5.8	*	6.7	10.5	*	20.0	13.9	*
Sepsis.....	3	33.3	26.3	*	33.3	33.3	*	33.3	40.7	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	1	0.0	1.1	*	0.0	2.0	*	0.0	2.8	*
Hip Replacement/Reconstruction.....	15	0.0	2.7	*	6.7	4.6	*	13.3	6.0	*
Open Reduction of Hip Fracture.....	5	0.0	4.4	*	0.0	9.1	*	0.0	12.5	*
Prostatectomy.....	62	1.6	0.8	1.4	1.6	1.9	2.0	3.2	3.3	2.3
Cholecystectomy.....	2	0.0	2.1	*	0.0	3.4	*	0.0	4.5	*
Hysterectomy.....	9	0.0	0.5	*	0.0	1.0	*	0.0	1.5	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

TREGO COUNTY-LEMKE MEMORIAL HOSPITAL

320 N 13th St
Wakeeney, KS 67672

Medicare Provider Number: 170077

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	193	6.2	10.9	2.6	8.8	16.6	3.5	10.4	21.3	4.2
CONDITIONS:										
Acute Myocardial Infarction.....	11	0.0	31.0	*	0.0	35.1	*	0.0	39.5	*
Congestive Heart Failure.....	6	0.0	22.4	*	16.7	36.4	*	16.7	46.5	*
Pneumonia/Influenza.....	33	0.0	14.7	*	3.0	20.2	*	6.1	24.8	*
Chronic Obstructive Pulmonary Disease.....	5	0.0	7.1	*	0.0	12.1	*	0.0	16.2	*
Transient Cerebral Ischemia.....	3	0.0	1.5	*	0.0	3.3	*	0.0	5.5	*
Stroke.....	7	14.3	15.6	*	14.3	20.5	*	14.3	24.6	*
Hip Fracture.....	1	0.0	9.9	*	0.0	23.7	*	0.0	37.3	*
Sepsis.....	2	50.0	21.8	*	50.0	27.5	*	50.0	32.8	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	1	0.0	0.8	*	0.0	1.4	*	0.0	1.7	*
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1988

Total Beds..... 72
Occupancy Rate..... 69
Ownership/Control..... Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 9
Percent of Physicians Board Certified Specialists..... (Not Available)
Medical Residents/Interns..... 0
Registered Nurses..... 13
Licensed Practical Nurses..... 1

SPECIALTY SERVICES:

Burn Unit..... No
Cardiac Intensive Care..... No
Comprehensive Geriatric..... No
Hospice Care..... No
Medical/Surgical Intensive Care..... No
Organ/Tissue Transplant..... No
Other Intensive Care..... No
Rehabilitation Unit..... No
Trauma Center..... No

** Not used in calculating hospital mortality rates.

TREGO COUNTY-LEMKE MEMORIAL HOSPITAL

Medicare Provider Number: 170077

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	190	6.8	10.8	2.8	12.6	15.8	4.1	13.7	20.0	4.0
CONDITIONS:										
Acute Myocardial Infarction.....	9	22.2	40.9	*	33.3	44.2	*	33.3	48.4	*
Congestive Heart Failure.....	11	9.1	15.5	*	18.2	24.5	*	18.2	31.9	*
Pneumonia/Influenza.....	20	5.0	12.8	*	10.0	17.6	*	15.0	21.7	*
Chronic Obstructive Pulmonary Disease.....	2	0.0	9.6	*	50.0	18.2	*	50.0	26.4	*
Transient Cerebral Ischemia.....	3	0.0	1.8	*	0.0	3.9	*	0.0	6.2	*
Stroke.....	16	12.5	24.9	*	25.0	32.3	*	31.3	37.5	*
Hip Fracture.....	0									
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	1	0.0	42.8	*	100.0	47.0	*	100.0	52.1	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	197	7.1	8.9	2.5	10.2	13.6	3.6	13.2	17.6	4.8
CONDITIONS:										
Acute Myocardial Infarction.....	5	60.0	33.1	*	60.0	37.0	*	60.0	41.8	*
Congestive Heart Failure.....	8	0.0	17.2	*	0.0	27.8	*	25.0	36.4	*
Pneumonia/Influenza.....	24	8.3	16.1	*	12.5	22.2	*	20.8	27.1	*
Chronic Obstructive Pulmonary Disease.....	1	0.0	7.1	*	0.0	12.5	*	0.0	16.9	*
Transient Cerebral Ischemia.....	3	33.3	2.9	*	33.3	6.9	*	33.3	11.3	*
Stroke.....	8	25.0	18.4	*	25.0	24.6	*	25.0	29.6	*
Hip Fracture.....	0									
Sepsis.....	3	0.0	32.9	*	33.3	40.3	*	33.3	46.5	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	1	0.0	2.0	*	0.0	3.5	*	0.0	4.7	*
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

UNIVERSITY OF KANSAS MEDICAL CENTER

39th & Rainbow Blvd
Kansas City, KS 66103

Medicare Provider Number: 170040

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	2,010	6.9	7.6	1.0	11.5	12.5	1.2	15.2	16.4	1.4
CONDITIONS:										
Acute Myocardial Infarction.....	31	16.1	23.0	*	16.1	27.7	*	16.1	31.6	*
Congestive Heart Failure.....	75	6.7	12.9	7.5	14.7	19.9	8.1	20.0	25.9	8.0
Pneumonia/Influenza.....	52	15.4	18.1	6.9	30.8	25.9	8.3	30.8	31.5	10.1
Chronic Obstructive Pulmonary Disease.....	30	6.7	7.4	*	6.7	13.4	*	16.7	18.3	*
Transient Cerebral Ischemia.....	23	0.0	1.2	*	0.0	2.4	*	4.3	3.8	*
Stroke.....	40	12.5	20.4	*	12.5	26.3	*	15.0	30.7	*
Hip Fracture.....	25	8.0	6.4	*	12.0	11.2	*	20.0	14.4	*
Sepsis.....	16	25.0	26.4	*	25.0	37.6	*	37.5	44.4	*
PROCEDURES:										
Angioplasty.....	4	0.0	5.4	*	0.0	7.0	*	0.0	8.2	*
Coronary Artery Bypass Graft.....	24	0.0	3.8	*	0.0	5.3	*	0.0	6.3	*
Initial Pacemaker Insertion.....	11	0.0	3.4	*	9.1	6.4	*	9.1	9.2	*
Carotid Endarterectomy.....	12	0.0	1.5	*	0.0	3.0	*	0.0	4.6	*
Hip Replacement/Reconstruction.....	27	0.0	2.4	*	0.0	4.6	*	0.0	6.5	*
Open Reduction of Hip Fracture.....	5	0.0	8.9	*	0.0	17.3	*	0.0	23.2	*
Prostatectomy.....	94	1.1	1.1	1.3	1.1	2.7	2.5	3.2	4.5	4.3
Cholecystectomy.....	21	9.5	4.8	*	19.0	8.8	*	19.0	11.7	*
Hysterectomy.....	23	0.0	0.6	*	0.0	1.3	*	0.0	2.1	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 465
Occupancy Rate..... 69
Ownership/Control..... State Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 352
Percent of Physicians Board Certified Specialists..... 85
Medical Residents/Interns..... 307
Registered Nurses..... 378
Licensed Practical Nurses..... 142

SPECIALTY SERVICES:

Burn Unit..... Yes
Cardiac Intensive Care..... No
Comprehensive Geriatric..... Yes
Hospice Care..... No
Medical/Surgical Intensive Care..... Yes
Organ/Tissue Transplant..... Yes
Other Intensive Care..... No
Rehabilitation Unit..... Yes
Trauma Center..... No

** Not used in calculating hospital mortality rates.

UNIVERSITY OF KANSAS MEDICAL CENTER

Medicare Provider Number: 170040

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	2,205	6.8	7.7	0.8	11.2	12.3	1.0	14.6	16.0	1.1
CONDITIONS:										
Acute Myocardial Infarction.....	29	27.6	28.3	*	34.5	31.4	*	37.9	34.9	*
Congestive Heart Failure.....	69	20.3	14.2	5.9	30.4	22.6	7.3	34.8	29.5	7.9
Pneumonia/Influenza.....	55	12.7	16.5	5.7	16.4	22.5	8.2	18.2	27.3	10.7
Chronic Obstructive Pulmonary Disease.....	29	0.0	5.4	*	10.3	9.9	*	17.2	13.8	*
Transient Cerebral Ischemia.....	26	0.0	2.1	*	0.0	4.6	*	3.8	7.3	*
Stroke.....	38	13.2	23.6	*	18.4	29.1	*	23.7	33.5	*
Hip Fracture.....	23	8.7	5.7	*	13.0	10.6	*	17.4	14.0	*
Sepsis.....	15	13.3	34.2	*	20.0	44.3	*	26.7	51.3	*
PROCEDURES:										
Angioplasty.....	4	0.0	1.0	*	0.0	1.4	*	0.0	2.0	*
Coronary Artery Bypass Graft.....	41	2.4	5.9	*	7.3	9.0	*	9.8	10.8	*
Initial Pacemaker Insertion.....	9	0.0	3.3	*	0.0	5.4	*	0.0	7.5	*
Carotid Endarterectomy.....	11	0.0	1.6	*	0.0	3.2	*	9.1	4.8	*
Hip Replacement/Reconstruction.....	35	2.9	3.0	*	5.7	5.8	*	5.7	7.9	*
Open Reduction of Hip Fracture.....	6	0.0	5.3	*	0.0	10.6	*	16.7	14.3	*
Prostatectomy.....	86	2.3	1.0	1.4	5.8	2.4	2.7	7.0	3.9	3.5
Cholecystectomy.....	12	8.3	4.3	*	8.3	7.8	*	8.3	10.1	*
Hysterectomy.....	35	0.0	0.6	*	0.0	1.2	*	0.0	1.8	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	2,297	6.5	8.3	0.6	11.6	13.4	0.8	14.6	17.4	0.8
CONDITIONS:										
Acute Myocardial Infarction.....	44	25.0	28.4	*	29.5	32.1	*	29.5	35.9	*
Congestive Heart Failure.....	67	4.5	15.2	7.1	11.9	23.3	7.9	20.9	30.0	7.6
Pneumonia/Influenza.....	44	13.6	17.6	*	15.9	24.3	*	18.2	29.4	*
Chronic Obstructive Pulmonary Disease.....	25	0.0	12.2	*	12.0	19.4	*	12.0	24.3	*
Transient Cerebral Ischemia.....	14	0.0	1.5	*	7.1	3.1	*	7.1	4.9	*
Stroke.....	47	17.0	20.0	*	23.4	26.2	*	25.5	30.8	*
Hip Fracture.....	27	3.7	6.6	*	18.5	12.4	*	22.2	16.5	*
Sepsis.....	22	40.9	30.9	*	45.5	38.4	*	45.5	44.6	*
PROCEDURES:										
Angioplasty.....	3	0.0	1.4	*	0.0	2.0	*	0.0	2.9	*
Coronary Artery Bypass Graft.....	41	4.9	5.1	*	12.2	6.6	*	14.6	7.6	*
Initial Pacemaker Insertion.....	13	15.4	4.4	*	15.4	9.1	*	15.4	13.1	*
Carotid Endarterectomy.....	8	0.0	1.6	*	0.0	3.0	*	0.0	4.5	*
Hip Replacement/Reconstruction.....	49	0.0	2.9	*	2.0	5.6	*	4.1	7.6	*
Open Reduction of Hip Fracture.....	9	0.0	4.2	*	11.1	8.2	*	11.1	11.1	*
Prostatectomy.....	84	0.0	1.3	1.5	2.4	3.0	2.1	3.6	4.8	2.6
Cholecystectomy.....	18	0.0	5.2	*	0.0	10.6	*	0.0	14.6	*
Hysterectomy.....	26	0.0	0.5	*	0.0	1.0	*	0.0	1.5	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

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The University of Kansas Medical Center

Internal & Financial Controls

December 26, 1990

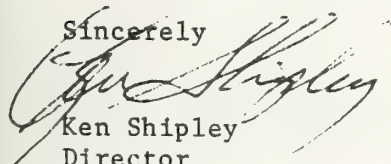
Sandra Kappert
Department of Health
and Human Services
Health Care Financing
Administration
6325 Security Blvd
Baltimore, MD 21207

Ms. Kappert:

Gail R. Wilensky's, December 6, 1990 correspondence to Hospital Administrators advised that you are the contact person for comments related to Medicare Hospital Mortality Information. On page 49 of enclosure D for the University of Kansas Medical Center-Hospital ID:170040 (copy of page attached) an apparent error has been noted. Patient [REDACTED] (highlighted on the attached) has erroneous admission and discharge/death dates. The correct admission date was February 25, 1989 with a discharge by death occurring on February 27, 1989.

Thank you for the opportunity to review the information and to provide any necessary corrections. Please do not hesitate to contact me should you have any questions.

Sincerely



Ken Shipley
Director
Internal and Financial Controls

KS:dm

Attachment

cc: Walter J. Nasalik

US ARMY HOSPITAL

Fort Riley, KS 66442

Medicare Provider Number: 17002F

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	1	0.0	34.6	*	0.0	41.2	*	0.0	49.7	*
CONDITIONS:										
Acute Myocardial Infarction.....	0									
Congestive Heart Failure.....	0									
Pneumonia/Influenza.....	0									
Chronic Obstructive Pulmonary Disease.....	0									
Transient Cerebral Ischemia.....	0									
Stroke.....	0									
Hip Fracture.....	0									
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 129
 Occupancy Rate..... 57
 Ownership/Control..... Federal Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 96
 Percent of Physicians Board Certified Specialists..... 28
 Medical Residents/Interns..... 0
 Registered Nurses..... 84
 Licensed Practical Nurses..... 73

SPECIALTY SERVICES:

Burn Unit..... No
 Cardiac Intensive Care..... No
 Comprehensive Geriatric..... No
 Hospice Care..... No
 Medical/Surgical Intensive Care..... Yes
 Organ/Tissue Transplant..... No
 Other Intensive Care..... No
 Rehabilitation Unit..... No
 Trauma Center..... No

** Not used in calculating hospital mortality rates.

US ARMY HOSPITAL
Medicare Provider Number: 17002F

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	0									
CONDITIONS:										
Acute Myocardial Infarction.....	0									
Congestive Heart Failure.....	0									
Pneumonia/Influenza.....	0									
Chronic Obstructive Pulmonary Disease.....	0									
Transient Cerebral Ischemia.....	0									
Stroke.....	0									
Hip Fracture.....	0									
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	0									
CONDITIONS:										
Acute Myocardial Infarction.....	0									
Congestive Heart Failure.....	0									
Pneumonia/Influenza.....	0									
Chronic Obstructive Pulmonary Disease.....	0									
Transient Cerebral Ischemia.....	0									
Stroke.....	0									
Hip Fracture.....	0									
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

WAMEGO CITY HOSPITAL

711 Genn Dr
Wamego, KS 66547

Medicare Provider Number: 170128

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	100	12.0	11.7	3.4	19.0	17.3	4.8	21.0	21.8	4.4
CONDITIONS:										
Acute Myocardial Infarction.....	5	40.0	46.3	*	80.0	52.2	*	80.0	57.8	*
Congestive Heart Failure.....	7	14.3	21.0	*	57.1	32.9	*	57.1	41.5	*
Pneumonia/Influenza.....	21	9.5	15.7	*	14.3	21.8	*	14.3	26.6	*
Chronic Obstructive Pulmonary Disease.....	3	0.0	3.2	*	0.0	5.7	*	0.0	8.0	*
Transient Cerebral Ischemia.....	5	0.0	2.5	*	0.0	5.8	*	0.0	9.4	*
Stroke.....	2	0.0	25.2	*	0.0	34.3	*	50.0	39.8	*
Hip Fracture.....	0									
Sepsis.....	2	0.0	27.5	*	50.0	33.3	*	50.0	39.7	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 18
Occupancy Rate..... 50
Ownership/Control..... Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 3
Percent of Physicians Board Certified Specialists..... (Not Available)
Medical Residents/Interns..... 0
Registered Nurses..... 6
Licensed Practical Nurses..... 4

SPECIALTY SERVICES:

Burn Unit..... No
Cardiac Intensive Care..... No
Comprehensive Geriatric..... No
Hospice Care..... No
Medical/Surgical Intensive Care..... No
Organ/Tissue Transplant..... No
Other Intensive Care..... Yes
Rehabilitation Unit..... No
Trauma Center..... No

** Not used in calculating hospital mortality rates.

WAMEGO CITY HOSPITAL

Medicare Provider Number: 170128

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	96	13.5	10.6	5.5	17.7	15.8	5.2	20.8	19.9	4.5
CONDITIONS:										
Acute Myocardial Infarction.....	3	0.0	28.5	*	0.0	32.0	*	0.0	36.2	*
Congestive Heart Failure.....	7	71.4	13.5	*	71.4	20.4	*	71.4	26.4	*
Pneumonia/Influenza.....	16	12.5	16.8	*	12.5	23.0	*	12.5	27.6	*
Chronic Obstructive Pulmonary Disease.....	2	50.0	10.5	*	50.0	17.8	*	100.0	24.2	*
Transient Cerebral Ischemia.....	1	0.0	1.6	*	0.0	3.6	*	0.0	5.7	*
Stroke.....	3	0.0	19.0	*	0.0	24.6	*	0.0	29.2	*
Hip Fracture.....	0									
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	2	0.0	1.1	*	0.0	2.0	*	0.0	2.9	*
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	130	7.7	9.5	3.0	12.3	14.3	4.4	15.4	18.4	5.2
CONDITIONS:										
Acute Myocardial Infarction.....	6	33.3	18.2	*	33.3	22.5	*	33.3	26.4	*
Congestive Heart Failure.....	11	9.1	13.9	*	27.3	21.7	*	27.3	28.5	*
Pneumonia/Influenza.....	23	8.7	12.6	*	8.7	17.6	*	8.7	21.5	*
Chronic Obstructive Pulmonary Disease.....	0									
Transient Cerebral Ischemia.....	2	0.0	1.8	*	0.0	3.9	*	0.0	6.3	*
Stroke.....	7	28.6	30.9	*	28.6	39.9	*	42.9	46.3	*
Hip Fracture.....	0									
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	2	0.0	5.6	*	0.0	10.6	*	50.0	13.5	*
Hysterectomy.....	1	0.0	0.2	*	0.0	0.2	*	0.0	0.4	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

WASHINGTON COUNTY HOSPITAL

304 East 3rd St
Washington, KS 66968

Medicare Provider Number: 170076

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	120	15.8	11.8	4.1	20.8	18.5	4.5	23.3	23.5	4.7
CONDITIONS:										
Acute Myocardial Infarction.....	2	100.0	44.7	*	100.0	49.4	*	100.0	54.2	*
Congestive Heart Failure.....	2	0.0	17.4	*	0.0	26.3	*	0.0	33.5	*
Pneumonia/Influenza.....	13	23.1	17.2	*	23.1	24.1	*	30.8	28.8	*
Chronic Obstructive Pulmonary Disease.....	0									
Transient Cerebral Ischemia.....	1	0.0	2.4	*	0.0	5.9	*	0.0	9.9	*
Stroke.....	2	50.0	17.1	*	50.0	22.7	*	50.0	27.0	*
Hip Fracture.....	2	0.0	6.6	*	0.0	13.1	*	0.0	17.8	*
Sepsis.....	1	100.0	70.1	*	100.0	85.4	*	100.0	91.2	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	2	0.0	5.7	*	0.0	11.9	*	0.0	16.5	*
Prostatectomy.....	0									
Cholecystectomy.....	2	0.0	1.2	*	0.0	1.9	*	0.0	2.4	*
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 27
Occupancy Rate..... 33
Ownership/Control..... Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... (Not Available)
Percent of Physicians Board Certified Specialists..... (Not Available)
Medical Residents/Interns..... (Not Available)
Registered Nurses..... (Not Available)
Licensed Practical Nurses..... (Not Available)

SPECIALTY SERVICES:

Burn Unit..... No
Cardiac Intensive Care..... No
Comprehensive Geriatric..... No
Hospice Care..... No
Medical/Surgical Intensive Care..... Yes
Organ/Tissue Transplant..... No
Other Intensive Care..... No
Rehabilitation Unit..... No
Trauma Center..... No

** Not used in calculating hospital mortality rates.

WASHINGTON COUNTY HOSPITAL

Medicare Provider Number: 170076

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	127	19.7	14.2	5.0	26.8	20.0	5.5	29.9	24.3	5.2
CONDITIONS:										
Acute Myocardial Infarction.....	7	57.1	36.7	*	71.4	39.6	*	71.4	43.4	*
Congestive Heart Failure.....	6	16.7	14.4	*	50.0	21.6	*	66.7	27.8	*
Pneumonia/Influenza.....	16	18.8	18.0	*	25.0	24.4	*	31.3	28.9	*
Chronic Obstructive Pulmonary Disease.....	0									
Transient Cerebral Ischemia.....	0									
Stroke.....	9	44.4	24.5	*	55.6	31.5	*	55.6	36.7	*
Hip Fracture.....	8	0.0	5.2	*	12.5	9.9	*	12.5	13.3	*
Sepsis.....	2	100.0	36.0	*	100.0	40.7	*	100.0	45.8	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	3	0.0	1.7	*	0.0	3.0	*	0.0	3.8	*
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	131	14.5	10.3	4.5	22.1	15.3	4.6	23.7	19.2	4.6
CONDITIONS:										
Acute Myocardial Infarction.....	3	33.3	27.6	*	33.3	30.0	*	33.3	33.2	*
Congestive Heart Failure.....	2	100.0	18.1	*	100.0	28.2	*	100.0	36.2	*
Pneumonia/Influenza.....	25	20.0	17.8	*	40.0	24.4	*	44.0	29.1	*
Chronic Obstructive Pulmonary Disease.....	1	100.0	9.0	*	100.0	13.9	*	100.0	19.4	*
Transient Cerebral Ischemia.....	0									
Stroke.....	8	12.5	22.7	*	12.5	29.4	*	25.0	34.9	*
Hip Fracture.....	4	0.0	5.6	*	25.0	9.4	*	25.0	12.2	*
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	1	0.0	3.7	*	100.0	7.9	*	100.0	11.1	*
Prostatectomy.....	1	0.0	0.8	*	0.0	1.8	*	0.0	2.7	*
Cholecystectomy.....	2	0.0	3.6	*	0.0	8.2	*	0.0	12.3	*
Hysterectomy.....	1	0.0	1.7	*	0.0	3.1	*	0.0	3.9	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

WELLINGTON HOSPITAL

924 S Washington Ave
Wellington, KS 67152

Medicare Provider Number: 170140

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	144	16.7	10.6	4.4	22.2	15.3	5.0	26.4	19.3	5.3
CONDITIONS:										
Acute Myocardial Infarction.....	6	50.0	37.6	*	50.0	41.6	*	50.0	45.7	*
Congestive Heart Failure.....	8	12.5	19.7	*	12.5	28.2	*	37.5	34.4	*
Pneumonia/Influenza.....	17	5.9	14.2	*	11.8	19.6	*	11.8	23.8	*
Chronic Obstructive Pulmonary Disease.....	5	20.0	6.6	*	20.0	12.4	*	20.0	18.1	*
Transient Cerebral Ischemia.....	1	0.0	1.2	*	0.0	2.7	*	0.0	4.3	*
Stroke.....	13	53.8	18.9	*	61.5	25.0	*	61.5	29.8	*
Hip Fracture.....	0									
Sepsis.....	2	50.0	31.8	*	50.0	40.0	*	50.0	49.0	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	2	0.0	1.0	*	0.0	1.9	*	0.0	2.5	*
Hysterectomy.....	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS ****SOURCE:** Health Care Financing Administration (OSCAR) - 1990

Total Beds..... 37
Ownership/Control..... Private, For Profit

STAFFING:

Medical Residents/Interns..... 0
Registered Nurses..... 12
Licensed Practical Nurses..... 2

SPECIALTY SERVICES:

Burn Unit..... No
Coronary Care Unit..... No
Hospice..... No
Intensive Care Unit..... No
Organ Transplant..... No
Rehabilitation..... No
Shock Trauma..... No

** Not used in calculating hospital mortality rates.

WELLINGTON HOSPITAL
Medicare Provider Number: 170140

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	175	14.9	12.0	3.0	20.0	16.7	3.4	25.1	20.5	4.3
CONDITIONS:										
Acute Myocardial Infarction.....	10	40.0	38.6	*	50.0	42.0	*	50.0	45.6	*
Congestive Heart Failure.....	12	8.3	14.0	*	8.3	21.6	*	8.3	27.9	*
Pneumonia/Influenza.....	22	22.7	15.9	*	27.3	21.7	*	36.4	25.9	*
Chronic Obstructive Pulmonary Disease.....	3	0.0	2.9	*	0.0	6.0	*	0.0	8.8	*
Transient Cerebral Ischemia.....	4	0.0	1.2	*	0.0	2.6	*	0.0	4.0	*
Stroke.....	12	41.7	26.3	*	50.0	33.1	*	50.0	38.0	*
Hip Fracture.....	2	0.0	5.6	*	50.0	11.1	*	50.0	14.9	*
Sepsis.....	5	40.0	38.5	*	40.0	45.2	*	40.0	51.7	*
PROCEDURE:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	6	0.0	0.5	*	0.0	1.2	*	0.0	2.1	*
Cholecystectomy.....	0									
Hysterectomy.....	3	0.0	0.3	*	0.0	0.6	*	0.0	0.8	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	175	14.3	11.6	3.1	18.3	16.5	3.7	20.6	20.4	3.7
CONDITIONS:										
Acute Myocardial Infarction.....	11	54.5	32.7	*	63.6	36.7	*	63.6	40.7	*
Congestive Heart Failure.....	13	15.4	17.1	*	15.4	27.1	*	15.4	35.2	*
Pneumonia/Influenza.....	10	30.0	14.1	*	40.0	19.8	*	40.0	24.5	*
Chronic Obstructive Pulmonary Disease.....	4	0.0	3.7	*	0.0	6.9	*	0.0	9.9	*
Transient Cerebral Ischemia.....	1	0.0	2.0	*	0.0	4.1	*	0.0	6.5	*
Stroke.....	9	11.1	20.2	*	33.3	26.7	*	33.3	31.8	*
Hip Fracture.....	1	0.0	1.9	*	0.0	3.9	*	0.0	5.8	*
Sepsis.....	9	22.2	30.8	*	22.2	38.8	*	44.4	45.5	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	8	0.0	0.8	*	0.0	2.3	*	0.0	4.1	*
Cholecystectomy.....	2	0.0	0.5	*	0.0	0.9	*	0.0	1.3	*
Hysterectomy.....	1	0.0	0.2	*	0.0	0.4	*	0.0	0.6	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

WESLEY MEDICAL CENTER

550 N Hillside
Wichita, KS 67214

Medicare Provider Number: 170123

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	4,664	7.4	7.7	0.5	11.8	12.0	0.6	14.9	15.5	0.9
CONDITIONS:										
Acute Myocardial Infarction.....	133	24.8	26.3	3.9	27.8	29.5	4.2	28.6	33.0	5.1
Congestive Heart Failure.....	161	22.4	14.9	4.6	31.1	23.3	4.9	39.8	30.2	5.2
Pneumonia/Influenza.....	127	13.4	17.0	4.2	23.6	22.8	3.8	28.3	27.4	4.2
Chronic Obstructive Pulmonary Disease.....	54	9.3	6.1	5.5	13.0	10.7	5.8	20.4	15.0	6.9
Transient Cerebral Ischemia.....	62	0.0	1.7	2.3	1.6	3.9	3.2	4.8	6.2	3.3
Stroke.....	137	23.4	22.0	4.6	32.1	29.3	4.3	32.8	34.2	4.2
Hip Fracture.....	113	4.4	6.3	3.1	8.0	11.4	5.4	10.6	14.9	6.8
Sepsis.....	35	28.6	30.1	*	37.1	41.2	*	40.0	49.4	*
PROCEDURES:										
Angioplasty.....	68	2.9	2.7	2.4	2.9	3.8	2.4	4.4	5.0	2.8
Coronary Artery Bypass Graft.....	156	7.7	4.9	3.4	9.0	6.9	3.1	10.3	8.2	3.2
Initial Pacemaker Insertion.....	47	2.1	3.4	*	4.3	6.0	*	6.4	8.3	*
Carotid Endarterectomy.....	71	0.0	1.5	*	0.0	2.9	*	0.0	4.3	*
Hip Replacement/Reconstruction.....	135	2.2	2.2	1.3	3.7	4.2	1.8	5.2	5.7	2.1
Open Reduction of Hip Fracture.....	61	3.3	5.7	4.1	6.6	10.7	6.0	11.5	14.1	5.7
Prostatectomy.....	152	1.3	1.2	1.1	2.0	2.7	2.0	2.6	4.4	3.2
Cholecystectomy.....	77	2.6	1.9	1.7	3.9	3.6	2.3	3.9	4.8	2.6
Hysterectomy.....	53	3.8	0.6	2.2	3.8	1.2	2.4	3.8	1.8	2.8

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 600
Occupancy Rate..... 72
Ownership/Control..... Private, For Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 409
Percent of Physicians Board Certified Specialists..... 58
Medical Residents/Interns..... 90
Registered Nurses..... 643
Licensed Practical Nurses..... 116

SPECIALTY SERVICES:

Burn Unit..... No
Cardiac Intensive Care..... Yes
Comprehensive Geriatric..... Yes
Hospice Care..... No
Medical/Surgical Intensive Care..... Yes
Organ/Tissue Transplant..... Yes
Other Intensive Care..... No
Rehabilitation Unit..... Yes
Trauma Center..... Yes

** Not used in calculating hospital mortality rates.

WESLEY MEDICAL CENTER

Medicare Provider Number: 170123

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	5,065	7.6	7.7	0.4	11.2	11.9	0.5	14.2	15.3	0.6
CONDITIONS:										
Acute Myocardial Infarction.....	156	23.7	26.8	4.3	25.0	30.2	5.0	25.0	33.9	7.5
Congestive Heart Failure.....	168	16.1	15.7	2.8	24.4	23.9	3.5	31.5	30.6	3.9
Pneumonia/Influenza.....	138	16.7	16.9	3.4	22.5	23.1	4.2	29.7	27.9	4.2
Chronic Obstructive Pulmonary Disease.....	46	13.0	8.0	*	26.1	13.9	*	26.1	19.1	*
Transient Cerebral Ischemia.....	62	1.6	1.8	1.9	1.6	4.0	3.1	1.6	6.4	4.8
Stroke.....	145	17.2	21.7	6.2	24.8	28.7	7.2	30.3	33.5	7.2
Hip Fracture.....	134	7.5	6.8	2.4	10.4	12.6	3.5	14.2	16.4	4.8
Sepsis.....	52	21.2	28.1	8.0	25.0	36.6	9.3	26.9	43.2	10.8
PROCEDURES:										
Angioplasty.....	81	3.7	4.2	2.3	4.9	5.2	2.5	6.2	6.3	2.7
Coronary Artery Bypass Graft.....	121	8.3	5.9	2.9	8.3	8.3	2.5	9.9	9.7	2.7
Initial Pacemaker Insertion.....	56	1.8	5.9	4.9	7.1	9.4	5.0	12.5	12.7	4.6
Carotid Endarterectomy.....	50	0.0	1.6	*	0.0	3.1	*	2.0	4.5	*
Hip Replacement/Reconstruction.....	142	3.5	3.0	2.4	3.5	5.3	3.0	4.9	7.0	3.5
Open Reduction of Hip Fracture.....	64	6.3	6.9	3.3	12.5	13.2	4.3	17.2	17.4	4.8
Prostatectomy.....	198	1.5	0.9	0.9	3.5	2.3	1.6	4.0	3.8	2.5
Cholecystectomy.....	87	2.3	2.0	2.1	5.7	3.8	2.9	5.7	5.2	2.8
Hysterectomy.....	62	1.6	0.8	1.3	1.6	1.8	1.7	1.6	2.9	2.4

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	4,587	8.1	8.1	0.6	11.9	12.6	0.8	14.1	16.1	0.7
CONDITIONS:										
Acute Myocardial Infarction.....	131	25.2	27.7	4.1	27.5	30.8	4.5	29.0	34.3	4.8
Congestive Heart Failure.....	183	19.1	16.9	3.7	27.3	25.7	3.6	34.4	32.8	3.8
Pneumonia/Influenza.....	119	16.8	16.9	3.9	26.9	23.3	4.5	28.6	28.5	4.1
Chronic Obstructive Pulmonary Disease.....	38	13.2	7.9	*	13.2	14.7	*	13.2	20.6	*
Transient Cerebral Ischemia.....	63	3.2	1.8	2.2	3.2	3.9	3.0	6.3	6.2	3.0
Stroke.....	126	20.6	20.7	3.7	25.4	27.5	4.1	27.0	32.0	4.9
Hip Fracture.....	124	8.9	7.2	3.3	16.1	13.1	4.1	17.7	17.0	3.5
Sepsis.....	55	27.3	30.2	6.9	34.5	38.9	8.5	41.8	45.8	8.9
PROCEDURES:										
Angioplasty.....	63	4.8	4.8	2.7	4.8	5.7	3.1	4.8	6.9	3.9
Coronary Artery Bypass Graft.....	105	4.8	5.8	2.4	5.7	8.2	3.1	5.7	9.7	3.7
Initial Pacemaker Insertion.....	41	2.4	3.6	*	4.9	6.9	*	7.3	9.9	*
Carotid Endarterectomy.....	44	11.4	1.7	*	11.4	3.3	*	11.4	4.8	*
Hip Replacement/Reconstruction.....	105	3.8	3.0	2.0	8.6	5.5	3.7	10.5	7.4	5.1
Open Reduction of Hip Fracture.....	73	6.8	6.3	2.9	15.1	12.2	4.5	16.4	16.2	4.3
Prostatectomy.....	191	1.6	0.8	0.9	3.1	1.9	1.4	3.7	3.3	1.4
Cholecystectomy.....	73	4.1	2.1	2.6	5.5	3.9	3.7	5.5	5.4	4.7
Hysterectomy.....	53	0.0	0.5	*	0.0	1.0	*	0.0	1.6	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

WICHITA COUNTY HOSPITAL

211 East Earl
Leoti, KS 67861

Medicare Provider Number: 170174

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	50	8.0	9.6	*	12.0	14.4	*	12.0	17.7	*
CONDITIONS:										
Acute Myocardial Infarction.....	0									
Congestive Heart Failure.....	1	0.0	13.9	*	0.0	21.9	*	0.0	28.7	*
Pneumonia/Influenza.....	6	16.7	16.7	*	16.7	22.7	*	16.7	27.3	*
Chronic Obstructive Pulmonary Disease.....	2	0.0	2.8	*	0.0	5.5	*	0.0	8.1	*
Transient Cerebral Ischemia.....	1	0.0	1.7	*	0.0	3.4	*	0.0	5.4	*
Stroke.....	2	50.0	26.0	*	50.0	32.4	*	50.0	37.6	*
Hip Fracture.....	0									
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	2	0.0	1.0	*	0.0	2.0	*	0.0	3.0	*
Hysterectomy.....	1	0.0	0.5	*	0.0	0.8	*	0.0	1.2	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1988

Total Beds..... 43
Occupancy Rate..... 84
Ownership/Control..... Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 1
Percent of Physicians Board Certified Specialists..... (Not Available)
Medical Residents/Interns..... 0
Registered Nurses..... 5
Licensed Practical Nurses..... 0

SPECIALTY SERVICES:

Burn Unit..... No
Cardiac Intensive Care..... No
Comprehensive Geriatric..... No
Hospice Care..... No
Medical/Surgical Intensive Care..... No
Organ/Tissue Transplant..... No
Other Intensive Care..... No
Rehabilitation Unit..... No
Trauma Center..... No

** Not used in calculating hospital mortality rates.

WICHITA COUNTY HOSPITAL

Medicare Provider Number: 170174

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	42	9.5	12.1	*	14.3	16.1	*	14.3	19.8	*
CONDITIONS:										
Acute Myocardial Infarction.....	3	66.7	48.7	*	66.7	53.6	*	66.7	58.6	*
Congestive Heart Failure.....	3	0.0	7.6	*	0.0	12.5	*	0.0	17.3	*
Pneumonia/Influenza.....	3	0.0	17.8	*	0.0	22.9	*	0.0	26.9	*
Chronic Obstructive Pulmonary Disease.....	1	0.0	7.5	*	0.0	13.2	*	0.0	17.7	*
Transient Cerebral Ischemia.....	1	0.0	2.4	*	0.0	5.8	*	0.0	9.5	*
Stroke.....	1	100.0	40.2	*	100.0	45.0	*	100.0	49.8	*
Hip Fracture.....	0									
Sepsis.....	1	100.0	43.6	*	100.0	50.6	*	100.0	58.0	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	1	0.0	4.0	*	0.0	8.3	*	0.0	11.7	*
Hysterectomy.....	2	0.0	0.4	*	0.0	0.6	*	0.0	0.9	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	50	8.0	8.8	*	8.0	12.3	*	10.0	15.4	*
CONDITIONS:										
Acute Myocardial Infarction.....	2	50.0	28.2	*	50.0	30.5	*	50.0	33.2	*
Congestive Heart Failure.....	1	0.0	47.5	*	0.0	53.4	*	0.0	59.7	*
Pneumonia/Influenza.....	9	0.0	11.7	*	0.0	15.8	*	0.0	19.2	*
Chronic Obstructive Pulmonary Disease.....	2	0.0	8.6	*	0.0	12.6	*	0.0	16.0	*
Transient Cerebral Ischemia.....	0									
Stroke.....	2	50.0	42.1	*	50.0	47.9	*	50.0	53.2	*
Hip Fracture.....	0									
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	1	0.0	2.1	*	0.0	3.7	*	0.0	4.7	*
Hysterectomy.....	1	0.0	0.2	*	0.0	0.4	*	0.0	0.6	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

WILLIAM NEWTON MEMORIAL HOSPITAL

1300 E 5th Ave
Winfield, KS 67156

Medicare Provider Number: 170019

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	449	8.7	9.5	1.6	14.9	14.4	1.7	17.4	18.0	1.9
CONDITIONS:										
Acute Myocardial Infarction.....	13	46.2	30.1	*	53.8	33.2	*	61.5	36.7	*
Congestive Heart Failure.....	20	15.0	15.9	*	35.0	24.2	*	40.0	31.1	*
Pneumonia/Influenza.....	26	0.0	10.6	*	3.8	14.9	*	3.8	18.2	*
Chronic Obstructive Pulmonary Disease.....	6	0.0	10.0	*	0.0	18.0	*	0.0	24.9	*
Transient Cerebral Ischemia.....	7	0.0	1.9	*	0.0	3.7	*	0.0	5.7	*
Stroke.....	17	5.9	17.5	*	23.5	24.1	*	29.4	28.3	*
Hip Fracture.....	25	4.0	7.8	*	8.0	13.6	*	12.0	17.3	*
Sepsis.....	4	25.0	27.8	*	50.0	37.7	*	50.0	46.2	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	2	0.0	6.3	*	0.0	11.6	*	0.0	15.6	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	14	0.0	5.6	*	7.1	10.1	*	14.3	13.0	*
Open Reduction of Hip Fracture.....	13	0.0	7.2	*	0.0	12.8	*	0.0	16.4	*
Prostatectomy.....	17	0.0	0.7	*	0.0	1.6	*	5.9	2.9	*
Cholecystectomy.....	15	6.7	2.4	*	6.7	5.1	*	6.7	7.4	*
Hysterectomy.....	4	25.0	1.1	*	25.0	2.9	*	25.0	5.2	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 99
Occupancy Rate..... 28
Ownership/Control..... Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 20
Percent of Physicians Board Certified Specialists..... 50
Medical Residents/Interns..... 0
Registered Nurses..... 56
Licensed Practical Nurses..... 4

SPECIALTY SERVICES:

Burn Unit..... No
Cardiac Intensive Care..... No
Comprehensive Geriatric..... No
Hospice Care..... No
Medical/Surgical Intensive Care..... Yes
Organ/Tissue Transplant..... No
Other Intensive Care..... No
Rehabilitation Unit..... No
Trauma Center..... No

** Not used in calculating hospital mortality rates.

WILLIAM NEWTON MEMORIAL HOSPITAL

Medicare Provider Number: 170019

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	533	12.4	8.7	1.8	16.7	13.2	1.9	20.3	16.7	2.0
CONDITIONS:										
Acute Myocardial Infarction.....	19	42.1	26.6	*	42.1	30.0	*	42.1	33.6	*
Congestive Heart Failure.....	22	22.7	14.9	*	27.3	22.6	*	31.8	29.1	*
Pneumonia/Influenza.....	20	20.0	13.2	*	25.0	18.6	■	25.0	22.9	*
Chronic Obstructive Pulmonary Disease.....	4	25.0	10.9	*	25.0	15.6	■	25.0	20.0	*
Transient Cerebral Ischemia.....	11	9.1	2.2	*	9.1	5.0	*	27.3	8.3	*
Stroke.....	19	15.8	21.7	■	26.3	28.8	*	26.3	33.3	*
Hip Fracture.....	36	2.8	6.2	*	2.8	11.2	*	5.6	14.5	*
Sepsis.....	6	50.0	21.1	■	66.7	29.6	*	66.7	35.7	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	3	0.0	1.8	*	0.0	3.2	*	0.0	4.8	*
Hip Replacement/Reconstruction.....	18	0.0	4.3	*	0.0	8.0	*	5.6	10.5	*
Open Reduction of Hip Fracture.....	17	5.9	6.1	*	5.9	11.5	*	5.9	15.2	*
Prostatectomy.....	26	7.7	0.8	*	7.7	1.9	*	7.7	3.2	*
Cholecystectomy.....	13	7.7	1.6	*	7.7	3.1	*	7.7	4.4	*
Hysterectomy.....	14	0.0	0.4	*	0.0	0.9	*	0.0	1.4	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	625	11.7	9.1	1.7	17.1	13.5	2.0	19.2	16.9	1.9
CONDITIONS:										
Acute Myocardial Infarction.....	18	38.9	31.7	*	55.6	35.5	*	55.6	39.1	*
Congestive Heart Failure.....	17	23.5	15.2	*	35.3	23.0	*	41.2	29.5	■
Pneumonia/Influenza.....	33	18.2	15.7	*	24.2	21.7	*	24.2	26.0	*
Chronic Obstructive Pulmonary Disease.....	6	33.3	12.0	■	33.3	20.1	*	33.3	25.4	■
Transient Cerebral Ischemia.....	11	0.0	1.5	*	9.1	3.2	*	9.1	4.9	*
Stroke.....	24	33.3	23.6	■	37.5	31.3	*	37.5	36.2	*
Hip Fracture.....	26	0.0	6.3	*	11.5	10.9	*	11.5	13.9	*
Sepsis.....	1	0.0	26.5	*	0.0	41.2	*	0.0	49.6	■
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	2	0.0	1.8	*	0.0	3.3	*	0.0	4.5	*
Carotid Endarterectomy.....	3	0.0	1.5	*	0.0	2.7	*	0.0	3.8	■
Hip Replacement/Reconstruction.....	12	0.0	2.3	*	0.0	4.3	*	0.0	5.8	*
Open Reduction of Hip Fracture.....	11	0.0	6.8	*	18.2	12.3	*	18.2	15.7	■
Prostatectomy.....	33	0.0	2.2	*	0.0	4.7	*	3.0	6.8	*
Cholecystectomy.....	15	6.7	2.5	*	6.7	3.8	*	6.7	4.9	*
Hysterectomy.....	11	0.0	0.4	*	0.0	0.8	*	0.0	1.1	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

WILSON COUNTY HOSPITAL

205 Mill St
Neodesha, KS 66757

Medicare Provider Number: 170073

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	156	15.4	12.5	3.6	21.2	18.3	4.6	25.0	22.7	4.9
CONDITIONS:										
Acute Myocardial Infarction.....	5	80.0	37.4	*	80.0	41.2	*	80.0	45.9	*
Congestive Heart Failure.....	9	33.3	17.2	*	44.4	25.8	*	55.6	32.8	*
Pneumonia/Influenza.....	20	25.0	16.0	*	25.0	21.7	*	25.0	26.0	*
Chronic Obstructive Pulmonary Disease.....	3	0.0	3.2	*	0.0	6.8	*	0.0	10.2	*
Transient Cerebral Ischemia.....	0									
Stroke.....	10	30.0	22.8	*	40.0	29.3	*	40.0	34.0	*
Hip Fracture.....	2	0.0	12.4	*	0.0	22.7	*	0.0	29.5	*
Sepsis.....	1	100.0	30.2	*	100.0	38.3	*	100.0	44.1	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	4	0.0	0.9	*	0.0	1.4	*	0.0	1.9	*
Hysterectomy.....	3	0.0	0.5	*	0.0	1.2	*	0.0	1.8	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989		SPECIALTY SERVICES:	
Total Beds.....	32	Burn Unit.....	No
Occupancy Rate.....	41	Cardiac Intensive Care.....	No
Ownership/Control.....	Local Government	Comprehensive Geriatric.....	No
STAFFING: (As of September 30, 1989)		Hospice Care.....	No
Total Number of Physicians.....	16	Medical/Surgical Intensive Care.....	No
Percent of Physicians Board Certified Specialists.....(Not Available)		Organ/Tissue Transplant.....	No
Medical Residents/Interns.....	0	Other Intensive Care.....	No
Registered Nurses.....	11	Rehabilitation Unit.....	No
Licensed Practical Nurses.....	4	Trauma Center.....	No

** Not used in calculating hospital mortality rates.

WILSON COUNTY HOSPITAL

Medicare Provider Number: 170073

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	152	19.1	12.8	4.2	22.4	18.6	4.4	30.3	23.4	5.1
CONDITIONS:										
Acute Myocardial Infarction.....	6	66.7	43.6	*	66.7	46.9	*	66.7	51.1	*
Congestive Heart Failure.....	8	37.5	15.6	*	50.0	23.4	*	50.0	30.0	*
Pneumonia/Influenza.....	16	6.3	16.7	*	6.3	22.6	*	18.8	27.3	*
Chronic Obstructive Pulmonary Disease.....	3	0.0	10.0	*	0.0	21.4	*	0.0	31.3	*
Transient Cerebral Ischemia.....	2	0.0	3.4	*	0.0	8.2	*	0.0	13.2	*
Stroke.....	4	25.0	22.2	*	25.0	29.6	*	25.0	35.0	*
Hip Fracture.....	6	16.7	6.5	*	16.7	11.4	*	16.7	14.9	*
Sepsis.....	2	100.0	52.9	*	100.0	63.4	*	100.0	73.4	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	1	0.0	5.8	*	0.0	11.8	*	0.0	16.7	*
Open Reduction of Hip Fracture.....	4	0.0	5.6	*	0.0	10.4	*	0.0	13.7	*
Prostatectomy.....	0									
Cholecystectomy.....	1	0.0	1.2	*	0.0	2.1	*	0.0	3.0	*
Hysterectomy.....	1	0.0	0.3	*	0.0	0.6	*	0.0	0.9	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	152	11.2	10.8	2.6	17.8	16.4	4.4	21.7	20.9	6.0
CONDITIONS:										
Acute Myocardial Infarction.....	1	100.0	48.7	*	100.0	52.2	*	100.0	57.0	*
Congestive Heart Failure.....	9	22.2	21.4	*	44.4	31.5	*	55.6	39.6	*
Pneumonia/Influenza.....	8	12.5	21.6	*	50.0	28.3	*	50.0	33.1	*
Chronic Obstructive Pulmonary Disease.....	7	0.0	7.8	*	14.3	15.2	*	14.3	21.5	*
Transient Cerebral Ischemia.....	3	0.0	2.1	*	0.0	4.2	*	0.0	6.7	*
Stroke.....	7	42.9	32.7	*	42.9	40.9	*	57.1	46.9	*
Hip Fracture.....	7	28.6	8.0	*	28.6	13.9	*	28.6	17.6	*
Sepsis.....	4	50.0	29.9	*	50.0	35.3	*	50.0	41.5	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	1	0.0	6.8	*	0.0	11.0	*	0.0	13.7	*
Open Reduction of Hip Fracture.....	5	40.0	7.7	*	40.0	14.3	*	40.0	18.4	*
Prostatectomy.....	0									
Cholecystectomy.....	1	0.0	0.5	*	0.0	0.9	*	0.0	1.2	*
Hysterectomy.....	1	0.0	0.2	*	0.0	0.4	*	0.0	0.6	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.



Technical Appendix



TECHNICAL APPENDIX

Data Sources

The data analyzed in this report are obtained from the MEDPAR file, which contains summary information on the hospitalizations of Medicare beneficiaries. The principal sources of data for this file are the bills (known as HCFA-1450 or UB-82) submitted by the hospitals to HCFA through fiscal intermediaries. The MEDPAR file also contains data about the beneficiaries, such as age, sex and date of death, which are obtained from the Social Security Administration or the Railroad Retirement Board.

Hospitalizations with discharges in fiscal years 1987, 1988 and 1989 were used in these analyses. Hospitalizations in 1986 were used only to characterize the prior admissions of the patients in the 1987 cohort. Only acute-care hospitalizations in short-term (general and specialty) hospitals were selected. These hospitals have a "0" in the third position of their Medicare provider number. Hospitalizations in special cost centers, designated by a "9" in the fourth position of the provider number, and hospitalizations in psychiatric units, rehabilitation units, swing-beds and alcohol/drug units, with "special unit codes" of S, T, U and V, respectively, in the third position were excluded.

The Mortality Model

For each beneficiary in each year one hospitalization was selected at random. Choosing a specific hospitalization is necessary to avoid multiple counting of the same death for that year. Selecting a random hospitalization instead of the first or last in the year produces mortality rates that are more representative of the rates that a hospital might calculate for its patients. Also, the mortality rates based on this random selection process reflect an intermediate position between the rates produced by the alternatives.

The selected hospitalizations were then segregated by analytical category and analyzed separately. The analytic categories were created by grouping ICD-9-CM diagnosis codes that had similar raw mortality rates and clinical definitions. The groupings fall into five risk levels: low, average, moderately severe, very severe and catastrophic. Within these risk levels, codes are further grouped based on clinical similarities. The analytic categories and the groups of ICD-9-CM diagnosis codes that defined them are listed in Table A-1.

The mortality experience of the patients was evaluated as a function of time within 182 days of the admission. The factors included in the mortality model used to evaluate the patients' probability of death are given in Table A-2. They consist of demographic characteristics (age and sex), major comorbidities (chronic diseases likely to have been present at admission and believed to complicate management and increase the likelihood of

an adverse outcome), prior admissions (grouped into five risk or severity levels) within the six months preceding the admission evaluated, admission type (emergent, elective, etc.), and admission source (referral from the physician's office, the nursing facility, etc.). The specific reason for the admission (the principal diagnosis) and the performance of selected surgical procedures were additional factors used in the estimation of the predicted probability of death (see below).

The observed mortality rate for a hospital was calculated by means of the lifetable method ("The LIFETEST Procedure", Chapter 22, SAS User's Guide: Statistics, Version 5 Edition, pages 529-557).

Analytic Techniques

A time-to-event or survival model with explanatory or concomitant variables was used to ascertain the influence of the patient characteristics listed above on the probability of death. A feature of such a model is allowance for "right censored" observations. Generally, these are events or outcomes which would have occurred but for some interference that prevents further observation. In the present analysis, "right censoring" occurs when a patient is withdrawn alive from the study at the end of the followup period of 182 days.

The survival function, $S(t)$, is one of several equivalent ways of expressing the model. Another form uses the cumulative distribution function or the mortality function,

$$F(t) = 1 - S(t).$$

Another useful formulation of these models is the hazard function, also known as the force of mortality or risk function. The hazard is the rate of decrease in the number of survivors relative to the number of survivors at a specific time. Mathematically, the hazard function is:

$$h(t) = - \frac{1}{S(t)} \frac{dS(t)}{dt} = - \frac{d \ln(S(t))}{dt}$$

The probability density function commonly used in statistical texts can be expressed as follows:

$$f(t) = \frac{dF(t)}{dt} = h(t)S(t).$$

The area under the survival curve is the expected value for t . In some cases the area under the survival curve is restricted to an interval $0-t_1$ where t_1 might be one year, for example.

The specific time-to-event or survival model used in the present analysis is Bailey's modification of the Makeham model. The survival function for the Bailey-Makeham model is:

$$S(t) = \exp\left\{-\delta t - \left(\frac{\alpha}{\gamma}\right)(1 - \exp(-\gamma t))\right\}$$

where

$$\alpha = \exp(\alpha_0 + \alpha_1 x_1 + \dots + \alpha_i x_i + \dots + \alpha_k x_k)$$

$$\gamma = \exp(\gamma_0 + \gamma_1 x_1 + \dots + \gamma_i x_i + \dots + \gamma_k x_k)$$

$$\delta = \exp(\delta_0 + \delta_1 x_1 + \dots + \delta_i x_i + \dots + \delta_k x_k)$$

are the expressions for each of the structural parameters α , γ , and δ in terms of the k concomitant variables x_i and their associated component parameters α_i , γ_i , and δ_i for $i=1,2,\dots,k$ and three intercepts or component parameters α_0 , γ_0 , and δ_0 . The structural parameter δ is the long-term risk which is approached as $t \rightarrow \infty$. The structural parameter α is the initial excess risk which decays with rate constant γ .

For the survival function given above, the risk or hazard function has an especially tractable form of an exponential decay which approaches a long-term risk, δ . The hazard function corresponding to the survival function above is

$$h(t) = \alpha \exp(-\gamma t) + \delta.$$

The estimation of the component parameters was carried out in a series of steps in which those covariates which had estimable and statistically significant ($p < 0.05$) influences of the probability of death were identified for inclusion in the model. As the model for each of the 17 risk categories was estimated separately, different lists of covariates were used for the final core models.

This first step was followed by the estimation of the additional contribution of specific principal diagnoses in each risk category. In these analyses, the effects of the patient characteristics included in the core models were corrected for. Only those principal diagnoses were retained which were estimable and had more than 1,000 cases or a statistically significant effect at the $p < 0.01$ level when the number of cases was less than 1,000. Similarly, after adjustment for the effects of both the variables in the core model and the principal diagnoses, correction terms were calculated to estimate the additional information about the probability of death associated with the categorization of the patients into the clinical groups used for the presentation of the data in the mortality tables (see below). These correction terms were negligible for the medical categories but substantial for the surgical categories.

Once the component parameters or regression coefficients α_i , γ_i , and δ_i have been estimated, the predicted probability of patient death at any specified time after admission, $1-S(t)$, may be calculated for all individuals. To obtain the predicted mortality rate up to a given time for a hospital, it is then only necessary to average over the predicted probabilities of death of its patients to that time.

The analytic categories are useful for grouping the patients into relatively risk homogeneous strata for the regressions. However, to gain insights into patterns of practice at hospitals, the data are presented for patients grouped into clinically meaningful medical and surgical categories. The 17 clinical categories used in the mortality tables were identified by the Institute of Medicine as being of particular medical and epidemiologic interest.

Estimation of the Standard Deviation for Predicted Mortality

The standard deviation of the predicted mortality rate is used to assess how meaningfully different the observed mortality rate is from the rate predicted by the national experience with like patients. The standard deviation depends, in fact, on the variance of the residual or the difference between the observed, P , and predicted, $\hat{\Theta}$, mortality rates.

The residual has four components V_1 , V_2 , V_3 , and V_4 where V_1 is the variance of the estimate of the predicted probability of death. This computationally intensive term was negligible for nearly all cases, compared to other components of variance. Consequently, this term was not included the present analysis.

V_2 is the binomial variance for n patients.

$$V_2 = \frac{\hat{\Theta} (1 - \hat{\Theta})}{n}.$$

V_3 is the variation among hospitals not explained by the mortality regression models containing the patient characteristics described above.

$$V_3 = \widehat{\text{Var}}(\hat{\Theta}) = \left(1 - \frac{1}{n}\right) \widehat{M_2}(\hat{\Theta})$$

where

$$\widehat{M_2}(\hat{\Theta}) = \left(\left(\begin{array}{c} \text{Predicted mortality} \\ \text{on basis of} \\ \text{patient characteristics and} \\ \text{adjustment for hospital effects} \end{array} \right) - \left(\begin{array}{c} \text{Predicted mortality} \\ \text{on basis of} \\ \text{patient characteristics,} \\ \text{but omitting the hospital specific effects} \end{array} \right) \right)^2 \left(\frac{1}{z_p^2} \right)$$

The quantity z_p corresponds to the statistical significance (p-value) of the hospital specific effect.

V_4 is the variation not explained by the mortality regression models which each include, in addition, an indicator variable for the hospital:

$$V_4 = \left\{ \left(\text{Observed mortality} \right) - \left(\begin{array}{c} \text{Predicted mortality} \\ \text{on basis of} \\ \text{patient characteristics, and} \\ \text{adjustment for the hospital specific effects} \end{array} \right) \right\}^2$$

(The regression coefficients of the indicator variable for the hospital are a measure of the influence on the probability of patient death of factors not otherwise specified in the model. These factors include severity of illness not adequately reported on by the patient characteristics deduced from the claims data and the hospital's pattern of practice; i.e., performance.)

The standard deviation given in the mortality tables is just:

$$SD = \sqrt{V_2 + V_3 + V_4}.$$

Measures of Uncertainty

In principle, to use the standard normal approximations to determine prediction intervals, an adjustment must be applied for the skewness and kurtosis inherent in a mortality rate when the rate is considerably less than 50 percent and the number of cases is small. Table A-3 presents the multiplicative factors, based on the binomial distribution, for the standard deviation needed to construct prediction intervals for the mortality rates at confidence levels ranging from 75 percent to 99 percent. Because of the approximations involved in the estimation of the skewness and kurtosis corrections, their precision decreases as the number of cases and the mortality rate decrease; i.e., as the value of the correction increases. In addition, because of simplifications and approximations in the estimation of the standard deviation, the precision of the multiplicative factors given in Table A-3 exceeds the precision of the estimate of the standard deviation. Hence, the rule-of-thumb given at the front of this Appendix represents an adequate approximation to the factors in Table A-3 and an adequate guide to the meaningfulness of the difference between the observed and the predicted mortality rates.

To illustrate the use of Table A-3, consider a hospital with 75 cases and a predicted mortality of 13.0 percent with a standard deviation of 5.0 percent. Overall, for hospitals with patients with characteristics similar to those of this hospital, we would expect the actual or observed mortality rate to lie, 95 percent of the time, either between 13.0 percent and 22.9 percent, if the actual is larger than the predicted, or between 3.3 percent and 13.0 percent, if the actual is less than the predicted. That is because 22.9 percent = 13.0 percent + 1.98 x 5.0 percent, the factor 1.98 having been read from the section of Table A-3 with the heading "95% Prediction Interval" and "Factor for Upper Bound", the row "75" for the number of cases, and by interpolation between the "10%" and the "20%" predicted mortality rate columns. Similarly, 3.3 percent = 13.0 percent - 1.94 x 5.0 percent, the factor -1.94 having been read from the section of Table A-3 with the heading "95% Prediction Interval" and "Factor for Lower Bound" and the corresponding row and columns.

On the other hand, 75 percent of the time, the observed mortality rate will lie either between 13 percent and 18.8 percent ($13.0 \text{ percent} + 1.15 \times 5.0 \text{ percent}$) if the observed rate is higher than the predicted, or between 7.3 percent ($13.0 \text{ percent} - 1.15 \times 5.0 \text{ percent}$) and 13.0 percent if it is lower.

Therefore, in comparing the actual and predicted rates, more attention should be given to the hospital whose observed mortality rate lies beyond the bounds calculated for the 99 percent prediction interval than to the hospital whose observed mortality rate lies only beyond the bounds calculated for the 95 percent prediction interval. In turn, more attention should be given to that hospital than to the hospital whose observed mortality rate lies only beyond the bounds calculated for the 75 percent prediction interval.

Table A-1

ANALYTICAL DIAGNOSTIC CATEGORIES

CATEGORY	ICD-9-CM CODES
1. Low risk cardiopulmonary and circulatory disorders	390, 393, 401, 402.00, 402.10, 402.90, 405, 411 (except 411.0), 413-414, 417-420, 422, 425.1, 426.1-426.7, 426.81, 427.0, 427.2-427.3, 427.6, 427.8-427.9, 429.4, 433 (except 433.0), 435, 437.2, 442 (except 442.2), 447 (except 447.2), 448, 451, 453.1, 453.8-453.9, 454-455, 456.3-456.6, 457.0-457.1, 457.9, 458.0, 460-478, 487 (except 487.0), 490-491, 493-495, 511.0, 518.2, 519.0-519.1
2. Low risk injuries and poisonings	800.0, 800.5, 801.0, 801.5, 802, 805 (except 805.0), 806 (except 806.0), 807 (except 807.0 and 807.4), 807.00-807.06, 808-819, 822-838, 839 (except 839.0), 840-848, 850, 854.0 (except 854.05), 861.2, 862, 867 (except 867.0 and 867.2), 870-874, 875.0, 876-887, 890-897, 905-932, 933.0, 935-940, 942 (except 942.3), 943-945, 947, 949-957, 958 (except 958.4), 959-963, 965.1, 965.5-965.7, 965.9, 966, 969-971, 972 (except 972.1), 973, 974 (except 974.1), 975 (except 975.7), 977-981, 984-986, 988, 992-993, 994 (except 994.1 and 994.7), 995, 996.0 (except 996.02), 996.2, 996.4-996.5, 996.7-996.9, 997.9, 998 (except 998.2)
3. Low risk gastrointestinal and endocrine disorders	240-246, 250.0, 250.5-250.6, 250.8, 250.9, 252, 254, 255 (except 255.4), 256-258, 264-272, 274, 276.3, 276.8, 279 (except 279.1), 520-527, 528.2, 528.4, 528.6-528.9, 529, 530 (except 530.4 and 530.8), 531.3, 531.7-531.9, 532.3, 532.7-532.9, 533.3, 533.7-533.9, 534.3, 534.7-534.9, 535-536, 537.1-537.2, 537.5-537.6, 537.8-537.9 (except 537.89), 540-543, 550, 552-556, 558 (except 558.2), 562-566, 568, 569.0-569.2, 569.4-569.6, 569.9, 571.8-571.9, 574 (only when 5th digit = 0), 575 (except 575.4 and 575.8), 576.0, 576.9, 577.1, 577.9, 579

Table A-1: Analytic Diagnostic Categories

4. Low risk genitourinary and reproductive disorders	582-583, 588-589, 590.1, 590.8-590.9, 592, 594-595, 596 (except 596.1 and 596.6), 597-598, 599 (except 599.0 and 599.6), 600-606, 607 (except 607.2), 608 (except 608.4), 610-618, 619 (except 619.1), 620-629, 630-648, 650-676
5. Low risk neuropsychiatric, sensory and musculoskeletal disorders	290-292, 293 (except 293.0), 294-309, 311-319, 330, 331 (except 331.0), 332-334, 337, 340, 342-343, 344 (except 344.0 and 344.1), 345 (except 345.3), 346-347, 348.0, 350-358, 360-389, 680-686, 690-698, 700-706, 707 (except 707.0), 708-709, 710 (except 710.1), 711-713, 714 (except 714.81), 715-739
6. Other low risk disorders	E-CODE, M-CODE, V01-V09, V11-V65 (except V58.0 and V58.8), V67-V82, 001-005, 007-009, 014-017, 020-026, 027 (except 027.0), 030, 032-033, 035, 037, 039, 041.0-041.2, 045, 049.8-049.9, 050-053, 055-057, 071-088, 090-111, 120-135, 137-139, 140, 143, 173-175, 180.0-180.1, 182, 188 (except 188.8 and 188.9), 190, 192 (except 192.2), 210-211, 212 (except 212.7), 213-224, 226-230, 231 (except 231.2), 232-236, 239.4-239.5, 239.9, 280 (except 280.0), 282, 740-744, 746-759, 780 (except 780.0), 781, 782.0-782.2, 782.6, 782.8-782.9, 783.1, 783.5-783.9, 784 (except 784.3 and 784.5), 785 (except 785.4 and 785.5), 786.2, 786.4-786.5, 786.7-786.9, 787 (except 787.2), 788.0-788.1, 788.3-788.4, 788.6-788.7, 789 (except 789.5), 790 (except 790.6 and 790.7), 793-796
7. Average risk disorders	V10, V58.0, V58.8, 006, 010 -013, 031, 034, 041.3-041.9, 070.1, 070.3, 070.5, 070.9, 114-115, 136 (except 136.3), 142, 144-146, 152-154, 160-161, 162.0, 165, 170, 171.0, 171.2-171.4, 171.6-171.7, 172 (except 172.8), 180.8, 181, 184-187, 188.8-188.9, 189 (except 189.0), 193-194, 196.0, 196.3, 196.5-196.6, 196.9, 197.3, 198.2, 225,

Table A-1: Analytic Diagnostic Categories

7. Average risk disorders (continued)	238, 239.0-239.3, 239.7-239.8, 250.1, 250.4, 250.7, 251, 253, 255.4, 259, 275 (except 275.4), 276.1, 276.6-276.7, 276.9, 277 (except 277.3), 278, 280.0, 281, 283, 285, 286 (except 286.6), 287-289, 293.0, 310, 322-326, 331.0, 336, 344.0-344.1, 345.3, 349, 359, 391-392, 394-396, 398 (except 398.91), 402.01, 402.11, 402.91, 403-404, 410.7, 411.0, 412, 423.8-423.9, 424, 425.5, 425.7-425.9, 426.0, 426.9, 427.1, 429.0-429.3, 437 (except 437.2), 438, 440, 441.4, 441.9, 443, 444 (except 444.1), 446, 456.1, 456.21, 456.8, 457.2, 457.8, 459 (except 459.0 and 459.2), 480, 482.2, 483-484, 487.0, 492, 496, 506, 508 (except 508.0), 518.3, 518.8, 519.4, 519.8-519.9, 528.0-528.1, 528.3, 528.5, 531.0, 531.4, 532.0, 532.4, 533.0, 533.4, 534.0, 534.4, 537.0, 537.3-537.4, 537.89, 557 (except 557.0), 560.1, 560.3, 560.80-560.81, 560.9, 569.3, 569.8 (except 569.83), 571.0-571.1, 571.3-571.4, 572.0-572.1, 573, 574 (only when 5th digit = 1), 575.4, 575.8, 576.1-576.5, 577.0, 577.2, 577.8, 578 (except 578.0), 580-581, 587, 590.0, 590.2- 590.3, 591, 593, 596.1, 596.6, 599.0, 599.6, 607.2, 608.4, 619.1, 714.81, 745, 782.3, 783.0, 783.2, 784.3, 784.5, 786.0-786.1, 786.3, 786.6, 787.2, 788.2, 788.5, 788.8-788.9, 790.6-790.7, 791-792, 798, 799.8-799.9, 803.0, 803.5, 805.0, 807.07-807.09, 820-821, 839.0, 860, 863, 865-866, 867.0, 867.2, 900, 903-904, 934.0-934.1, 941, 942.3, 946.0-946.2, 948.0-948.3, 964, 965.0, 965.4, 965.8, 967-968, 972.1, 974.1, 975.7, 976, 982-983, 987, 989, 996.1, 996.3, 996.6, 997 (except 997.9), 998.2, 999
8. Moderately severe cardiopulmonary and circulatory disorders	398.91, 415-416, 425.0, 425.2-425.4, 426.89, 428, 429.5-429.9, 432.1, 434, 436, 441.2, 442.2, 452, 453.0, 453.2-453.3, 458 (except 458.0), 459.0, 459.2, 481, 482.3, 482.9, 485-486, 500-505, 510.9, 511 (except 511.0), 512.8, 513-515, 517, 518.0-518.1, 518.4, 519.2-519.3
9. Moderately severe gastrointestinal and endocrine disorders	273, 276.5, 277.3, 530.4, 530.8, 551, 558.2, 560.0, 560.2, 560.89, 567, 572.3, 578.0

Table A-1: Analytic Diagnostic Categories

10. Moderately severe neoplastic diseases	141, 147-149, 158, 162.3-162.5, 179, 180.9, 183, 189.0, 191, 192.2, 198.1, 198.6-198.7, 198.82, 200-202, 207 (except 207.0), 212.7, 237, 239.6
11. Other moderately severe disorders	V66, 038.42, 040, 047-048, 049.0-049.1, 054, 060-066, 284, 335, 341, 348.3-348.4, 348.8-348.9, 585, 707.0, 710.1, 782.4-782.5, 782.7, 783.4, 785.4, 789.5, 797, 799.0, 799.2-799.4, 804, 806.0, 807.4, 851.0, 851.2, 851.4, 851.6, 851.8, 852.0, (except 852.05), 852.1 (except 852.15), 852.2 (except 852.25), 852.4-852.5, 853.0 (except 853.05), 853.1 (except 853.15), 861 (except 861.2), 864.0 (except 864.04), 864.1 (except 864.14), 933.1, 990, 996.02
12. Very severe cardiopulmonary and circulatory disorders	397, 410 (except 410.7), 421, 423.0-423.2, 433.0, 447.2, 456.0, 456.20, 482.0-482.1, 482.4, 482.8, 507, 508.0, 510.0, 512.0, 516, 518.5
13. Very severe gastrointestinal and endocrine disorders	250.2-250.3, 260-263, 275.4, 276.0, 276.2, 276.4, 279.1, 531.1-531.2, 531.5-531.6, 532.1-532.2, 532.5-532.6, 533.1-533.2, 533.5-533.6, 534.1-534.2, 534.5-534.6, 569.83, 571.2, 571.5-571.6, 572.2, 576.8
14. Very severe infectious disorders	018, 027.0, 036, 038 (except 038.42), 042-044, 046, 112, 116-118, 136.3
15. Very severe neoplastic diseases	150-151, 156-157, 159, 162.2, 162.8-162.9, 163-164, 171.5, 171.8-171.9, 195, 196.1-196.2, 196.8, 197.0-197.2, 197.4-197.6, 197.8, 198.0, 198.3-198.5, 198.81, 198.89, 203, 204 (except 204.0), 205 (except 205.0), 207.0, 208 (except 208.0), 231.2
16. Other very severe disorders	320-321, 348.2, 348.5, 584, 586, 760-779, 780.0, 783.3, 799.1, 800 (except 800.0 and 800.5), 801 (except 801.0 and 801.5), 854.05, 854.1, 868-869, 875.1, 934.8-934.9, 946.3-946.5, 958.4, 991, 994.1, 994.7

Table A-1: Analytic Diagnostic Categories

17. Catastrophic disorders	070.0, 070.2, 070.4, 070.6, 155, 172.8, 197.7, 199, 204.0, 205.0, 206, 208.0, 286.6, 348.1, 427.4-427.5, 430-431, 432 (except viral 432.1), 441.0-441.1, 441.3, 441.5, 444.1, 557.0, 570, 572.4, 572.8, 785.5, 803 (except 803.0 and 803.5), 851.1, 851.3, 851.5, 851.7, 851.9, 852.05, 852.15, 852.25, 852.3, 853.05, 853.15, 864.04, 864.14, 901-902, 948.4-948.9
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Table A-2

EXPLANATORY VARIABLES FOR THE MORTALITY MODEL

Generally the same variables are used for all diagnostic categories.

DEMOGRAPHICS

$$\text{AGESP} = \text{sign}(W-65) \left(\left| \frac{W-65}{65} \right| \right)^{1.72}$$

where

$$W = \begin{cases} 23 & \text{if AGE} \leq 23 \\ \text{AGE} & \text{if } 23 < \text{AGE} < 100 \\ 100 & \text{if } 100 \leq \text{AGE} \end{cases}$$

SX An indicator variable: = 1 if Female and 0 otherwise.

COMORBIDITIES (Indicator variables = 1 if
comorbidity present and 0 otherwise)

ICD-9-CM Codes

CCA	Cancer	141-160.9, 162-172.9, 174-208.9)
CCV	Chronic cardiovascular disease	412-414.9, 426-429.1)
CLV	Chronic liver disease	571-572.8)
CRN	Chronic renal disease	582-583.9, 585-587)

ADMISSION SOURCES AND TYPES (Indicator variables = 1 if source or type present
and 0 otherwise)

PHRF	Patient referred by personal or HMO physician.
TRSNF	Patient transferred from skilled nursing facility.
ELCT	Patient admitted for elective procedure.
EMRG	Patient admitted for emergency.

PREVIOUS HOSPITALIZATIONS

PALR	Number at low risk, with 5 or more set to 5.
PAAR	Number at average risk, with 3 or more set to 3.
PAMSR	Number at moderately severe risk, with 3 or more set to 3.
PAVSR	Number at very severe risk, with 2 or more set to 2.
PACR	Number at catastrophic risk, with 1 or more set to 1.

TABLE A-3: MULTIPLICATIVE FACTORS FOR THE CALCULATION OF THE BOUNDS FOR PREDICTION INTERVALS

(n is the number of cases at your hospital and p is the predicted mortality rate.)

		99% Prediction Interval				95% Prediction Interval				75% Prediction Interval						
p	n	Factor for Upper Bound				Factor for Upper Bound				Factor for Upper Bound						
		1%	5%	10%	20%	40%	1%	5%	10%	20%	40%	1%	5%	10%	20%	40%
	25	2.95	2.73	2.68	2.63	2.59	2.15	2.04	2.01	1.99	1.97	1.17	1.16	1.16	1.15	1.15
	50	2.76	2.65	2.63	2.60	2.58	2.05	2.00	1.99	1.97	1.96	1.16	1.15	1.15	1.15	1.15
	75	2.70	2.63	2.61	2.59	2.58	2.02	1.99	1.98	1.97	1.96	1.16	1.15	1.15	1.15	1.15
	100	2.67	2.61	2.60	2.59	2.58	2.01	1.98	1.97	1.97	1.96	1.16	1.15	1.15	1.15	1.15
	150	2.64	2.60	2.59	2.59	2.58	1.99	1.97	1.97	1.96	1.96	1.15	1.15	1.15	1.15	1.15
	200	2.62	2.60	2.59	2.58	2.58	1.98	1.97	1.97	1.96	1.96	1.15	1.15	1.15	1.15	1.15
	300	2.61	2.59	2.58	2.58	2.58	1.98	1.97	1.96	1.96	1.96	1.15	1.15	1.15	1.15	1.15
	400	2.60	2.59	2.58	2.58	2.58	1.97	1.96	1.96	1.96	1.96	1.15	1.15	1.15	1.15	1.15
	500	2.59	2.58	2.58	2.58	2.58	1.97	1.96	1.96	1.96	1.96	1.15	1.15	1.15	1.15	1.15
	750	2.59	2.58	2.58	2.58	2.58	1.97	1.96	1.96	1.96	1.96	1.15	1.15	1.15	1.15	1.15
	1000	2.59	2.58	2.58	2.58	2.58	1.96	1.96	1.96	1.96	1.96	1.15	1.15	1.15	1.15	1.15
	2000	2.58	2.58	2.58	2.58	2.58	1.96	1.96	1.96	1.96	1.96	1.15	1.15	1.15	1.15	1.15
	5000	2.58	2.58	2.58	2.58	2.58	1.96	1.96	1.96	1.96	1.96	1.15	1.15	1.15	1.15	1.15

		Factor for Lower Bound				Factor for Lower Bound				Factor for Lower Bound						
p	n	1%	5%	10%	20%	40%	1%	5%	10%	20%	40%	1%	5%	10%	20%	40%
		-2.21	-2.42	-2.48	-2.52	-2.56	-1.77	-1.88	-1.91	-1.93	-1.95	-1.95	-1.13	-1.14	-1.14	-1.15
	50	-2.39	-2.50	-2.53	-2.55	-2.57	-1.87	-1.92	-1.93	-1.95	-1.96	-1.14	-1.15	-1.15	-1.15	-1.15
	75	-2.45	-2.52	-2.54	-2.56	-2.57	-1.90	-1.93	-1.94	-1.95	-1.96	-1.14	-1.15	-1.15	-1.15	-1.15
	100	-2.48	-2.54	-2.55	-2.56	-2.57	-1.91	-1.94	-1.95	-1.95	-1.96	-1.15	-1.15	-1.15	-1.15	-1.15
	150	-2.51	-2.55	-2.56	-2.57	-2.57	-1.93	-1.95	-1.95	-1.96	-1.96	-1.15	-1.15	-1.15	-1.15	-1.15
	200	-2.53	-2.56	-2.56	-2.57	-2.57	-1.94	-1.95	-1.95	-1.96	-1.96	-1.15	-1.15	-1.15	-1.15	-1.15
	300	-2.54	-2.56	-2.57	-2.57	-2.57	-1.94	-1.95	-1.96	-1.96	-1.96	-1.15	-1.15	-1.15	-1.15	-1.15
	400	-2.55	-2.57	-2.57	-2.57	-2.57	-1.95	-1.96	-1.96	-1.96	-1.96	-1.15	-1.15	-1.15	-1.15	-1.15
	500	-2.56	-2.57	-2.57	-2.57	-2.58	-1.95	-1.96	-1.96	-1.96	-1.96	-1.15	-1.15	-1.15	-1.15	-1.15
	750	-2.56	-2.57	-2.57	-2.57	-2.58	-1.95	-1.96	-1.96	-1.96	-1.96	-1.15	-1.15	-1.15	-1.15	-1.15
	1000	-2.57	-2.57	-2.57	-2.57	-2.58	-1.96	-1.96	-1.96	-1.96	-1.96	-1.15	-1.15	-1.15	-1.15	-1.15
	2000	-2.57	-2.57	-2.57	-2.58	-2.58	-1.96	-1.96	-1.96	-1.96	-1.96	-1.15	-1.15	-1.15	-1.15	-1.15
	5000	-2.57	-2.58	-2.58	-2.58	-2.58	-1.96	-1.96	-1.96	-1.96	-1.96	-1.15	-1.15	-1.15	-1.15	-1.15

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